

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

Form 3200-004 (R 06/19)

Page 1 of 4

**Notice:** Use of this form is required by the Department for any application filed pursuant to ss. 281.17(2) and 283.37, 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	Permit Expiration Date
Waterbody #	Fee Received

**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.**

Home Address				Waterbody Address			
Name Bob Boyd, Bone Lake Management District				Name			
Street Address 2048 Dueholm Drive				Street Address			
City Milltown		State WI	ZIP Code 54858	City		State	ZIP Code
Phone Number (include area code) Primary: (715) 553-0629 Secondary: (715) 857-5495				Email Address			

**Section II – Aquatic Plant Control Location**

Waterbody to be Treated (waterbody where treatment area is located) Bone Lake				Lake Surface Area 1,781 acres	Estimated Surface Area that is 10 Feet or Less in Depth 180 acres
County Polk	Section 20	Township 35 N	Range 16 <input type="radio"/> E <input checked="" type="radio"/> W	Name of Applicator or Firm Lake Restoration Inc.	
Latitude 45.5045809 Longitude -92.3838000				Street or Route 12425 Ironwood Circle	
<input type="checkbox"/> Is there more than one property owner? <input type="radio"/> Yes <input type="radio"/> No				City Rogers	
<input type="checkbox"/> Will there be uncontrolled surface water discharge? <input type="radio"/> Yes <input type="radio"/> No				State MN	
<input type="checkbox"/> Does the waterbody have public access? <input type="radio"/> Yes <input type="radio"/> No				ZIP Code 55374	
If all are no: this is a private pond, please use form 3200-155				County Columbia	
Adjacent Riparian Property Owner Names (attach sheets if necessary)				Phone Number (include area code) (763) 428-9777	
1. Homeowners with 150' of treatment have been notified				Email Address lrmil@lakrestoration.com	
2. _____				Applicator Certification Number for Category 5 Aquatic Pesticide Application	
3. _____				Business Location License Number (if applicable) 93-006836-006558	
4. _____				Restricted Use Pesticide License Number (if applicable) See Attachment A	
5. _____					
6. _____					
Name of Lake Property Owners' Association Representative or Lake District Representative (if none, please indicate) Bob Boyd					

Area(s) Proposed for Control:				Estimated Acreage	Average Depth	Calculated Volume
Treatment Length	Treatment Width					
1.	ft X	ft ÷	43,560 ft <sup>2</sup> =	ac X	ft =	ac-ft
2.	ft X	ft ÷	43,560 ft <sup>2</sup> =	ac X	ft =	ac-ft
3.	ft X	ft ÷	43,560 ft <sup>2</sup> =	ac X	ft =	ac-ft
4.	ft X	ft ÷	43,560 ft <sup>2</sup> =	ac X	ft =	ac-ft
5.	ft X	ft ÷	43,560 ft <sup>2</sup> =	ac X	ft =	ac-ft
6.	ft X	ft ÷	43,560 ft <sup>2</sup> =	ac X	ft =	ac-ft
7.	ft X	ft ÷	43,560 ft <sup>2</sup> =	ac X	ft =	ac-ft
8.	ft X	ft ÷	43,560 ft <sup>2</sup> =	ac X	ft =	ac-ft
9.	ft X	ft ÷	43,560 ft <sup>2</sup> =	ac X	ft =	ac-ft
Estimated Acreage Grand Total				29 ac	Calculated Volume 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 area designated by the Department of Natural Resources? ☒ Yes ☐ No

DNR Use: NHI Review? ☐ Yes ☐ No Describe:

# Chemical Aquatic Plant Control Application and Permit WPDES Pesticide Pollutant Permit Application

Form 3200-004 (R 06/19)

Page 2 of 4

## 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.)

29 acres X \$25 per acre = \$ 725

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

Enter Acreage Fee (from above) ..... \$ 725.00

Basic Permit Fee (non-refundable) ..... \$ 20.00

Total Fee Enclosed ..... \$ 745.00

**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 riparian 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: \_\_\_\_\_

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

- |   |  |  |  |
|---|--|--|--|
| <input type="checkbox"/> Algae                          | <input type="checkbox"/> Elodea                | <input type="checkbox"/> Japanese Knotweed   | <input type="checkbox"/> Reed Canary Grass     |
| <input type="checkbox"/> Common/Glossy Buckthorn        | <input type="checkbox"/> Eurasian Watermilfoil | <input type="checkbox"/> Naiad               | <input type="checkbox"/> Reed Manna Grass      |
| <input type="checkbox"/> Coontail                       | <input type="checkbox"/> Flowering Rush        | <input type="checkbox"/> Narrow-Leaf Cattail | <input type="checkbox"/> Starry Stonewort      |
| <input checked="" type="checkbox"/> Curly Leaf Pondweed | <input type="checkbox"/> Hybrid Cattail        | <input type="checkbox"/> Phragmites          | <input type="checkbox"/> Yellow Floating Heart |
| <input type="checkbox"/> Duckweeds                      | <input type="checkbox"/> Hybrid Watermilfoil   | <input type="checkbox"/> Purple Loosestrife  | <input type="checkbox"/> Yellow Iris           |
| <input type="checkbox"/> Pondweeds                      | Other plants: _____                            |  |  |

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

## Section V – Chemical Control

Full Trade Name of Proposed Chemical(s):

- |  |  |   |   |   |   |
|--|--|---|---|---|---|
| <input type="checkbox"/> Algimycin PWF         | <input type="checkbox"/> Clearcast             | <input type="checkbox"/> Garlon 3A          | <input type="checkbox"/> Navigate       | <input type="checkbox"/> Renovate LZR   | <input type="checkbox"/> Sonar Genesis    |
| <input type="checkbox"/> Aqua Star             | <input type="checkbox"/> Cleargate             | <input type="checkbox"/> Green Clean        | <input type="checkbox"/> Navitrol       | <input type="checkbox"/> Renovate Max G | <input type="checkbox"/> Sonar H4C        |
| <input type="checkbox"/> Aquaneat              | <input type="checkbox"/> Clipper               | <input type="checkbox"/> Habitat            | <input type="checkbox"/> Navitrol DPF   | <input type="checkbox"/> Renovate OTF   | <input type="checkbox"/> Sonar PR         |
| <input type="checkbox"/> AquaPro               | <input type="checkbox"/> Clipper SC            | <input type="checkbox"/> Harpoon            | <input type="checkbox"/> Nutrisorb      | <input type="checkbox"/> Reward         | <input type="checkbox"/> Sonar Q          |
| <input type="checkbox"/> Aquashade             | <input type="checkbox"/> Current               | <input type="checkbox"/> Harvester          | <input type="checkbox"/> Orb-3          | <input type="checkbox"/> Rodeo          | <input type="checkbox"/> Sonar RTU        |
| <input type="checkbox"/> Aquashadow            | <input type="checkbox"/> Cutrine-Plus          | <input type="checkbox"/> Havoc Amine        | <input type="checkbox"/> Phycomycin SCP | <input type="checkbox"/> Roundup Custom | <input type="checkbox"/> Sonar SRP        |
| <input type="checkbox"/> Aquastrike            | <input type="checkbox"/> Cutrine-Plus Granular | <input type="checkbox"/> Hydrothol 191      | <input type="checkbox"/> Polaris        | <input type="checkbox"/> SCI-62         | <input type="checkbox"/> SonarOne         |
| <input checked="" type="checkbox"/> Aquathol K | <input type="checkbox"/> Cutrine-Ultra         | <input type="checkbox"/> Hydrothol Granular | <input type="checkbox"/> Polaris AC     | <input type="checkbox"/> Sculpin G      | <input type="checkbox"/> Stingray         |
| <input type="checkbox"/> Aquathol Super K      | <input type="checkbox"/> DMA 4 IVM             | <input type="checkbox"/> Komeen             | <input type="checkbox"/> Pond-Klear     | <input type="checkbox"/> SeClear        | <input type="checkbox"/> Symmetry NXG     |
| <input type="checkbox"/> Avast! SC             | <input type="checkbox"/> EarthTec              | <input type="checkbox"/> Komeen Crystal     | <input type="checkbox"/> ProcellaCOR EC | <input type="checkbox"/> SeClear G      | <input type="checkbox"/> Touchdown Pro    |
| <input type="checkbox"/> Captain               | <input type="checkbox"/> Element 3A            | <input type="checkbox"/> K-Tea              | <input type="checkbox"/> Refuge         | <input type="checkbox"/> Shore-Klear    | <input type="checkbox"/> Tribune          |
| <input type="checkbox"/> Captain XTR           | <input type="checkbox"/> Flumioxazin 51% WDG   | <input type="checkbox"/> Milestone          | <input type="checkbox"/> Renovate 3     | <input type="checkbox"/> Shredder Amine | <input type="checkbox"/> Weedar 64        |
| <input type="checkbox"/> Chinook               | <input type="checkbox"/> Formula F-30          | <input type="checkbox"/> Nautique           | <input type="checkbox"/> Renovate LZR   | <input type="checkbox"/> Sonar AS       | <input type="checkbox"/> Weedestroy AM-40 |

Other Proposed Chemical(s): \_\_\_\_\_

Method of Application: Underwater injection and/or surface application



# Chemical Aquatic Plant Control Application and Permit WPDES Pesticide Pollutant Permit Application

Form 3200-004 (R 06/19)

Page 3 of 4

## Section V – Chemical Control (continued)

Alternatives to Chemical Control:

	Feasible?	If No, Why Not?
1. Mechanical harvesting	<input type="radio"/> Yes <input checked="" type="radio"/> No	Harvester not available, concerns regarding contract harvesting
2. Manual removal	<input type="radio"/> Yes <input checked="" type="radio"/> No	Too large an area
3. Sediment screens/covers	<input type="radio"/> Yes <input checked="" type="radio"/> No	Too large an area
4. Dredging	<input type="radio"/> Yes <input checked="" type="radio"/> No	Not feasible
5. Lake drawdown	<input type="radio"/> Yes <input checked="" type="radio"/> No	Not feasible
6. Nutrient controls in watershed	<input checked="" type="radio"/> Yes <input type="radio"/> No	
7. Other:	<input type="radio"/> Yes <input type="radio"/> No	

**Note:** If proposed treatment involves multiple properties, consider feasibility of EACH alternative for EACH property owner.

**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/](http://dnr.wi.gov/Lakes/plants/factsheets/).

Will surface water outflow be controlled to prevent chemical loss?

☐ Yes ☒ No

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

☒ All ☐ Some ☐ None

What were the results of the treatment?

Aquathol K used in the past with satisfactory results

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](http://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 Proposed Chemical(s): \_\_\_\_\_

## 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 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

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.



# Chemical Aquatic Plant Control Application and Permit WPDES Pesticide Pollutant Permit Application

Form 3200-004 (R 06/19)

Page 4 of 4

## Section VII – WPDES Permit Request

Is WPDES coverage being requested? Refer to <http://dnr.wi.gov/topic/wastewater/aquaticpesticides.html> for more information.

- ☒ No: ☒ Already have WPDES coverage. ☐ Yes – complete section VII with signature  
☐ 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

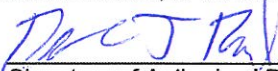
Type of WPDES coverage being requested: ☐ One Treatment Site ☐ Statewide Coverage

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

ROBERT J. BOYD

Printed Name

2-8-20

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\_\_\_\_.

Application fee received?

☐ Yes ☐ No

State of Wisconsin  
Department of Natural Resources  
For the Secretary

Advance notification of  
treatment required?

☐ Yes ☐ No

By \_\_\_\_\_  
Regional Director or Designee

\_\_\_\_\_  
Date Signed

\_\_\_\_\_  
Date Mailed

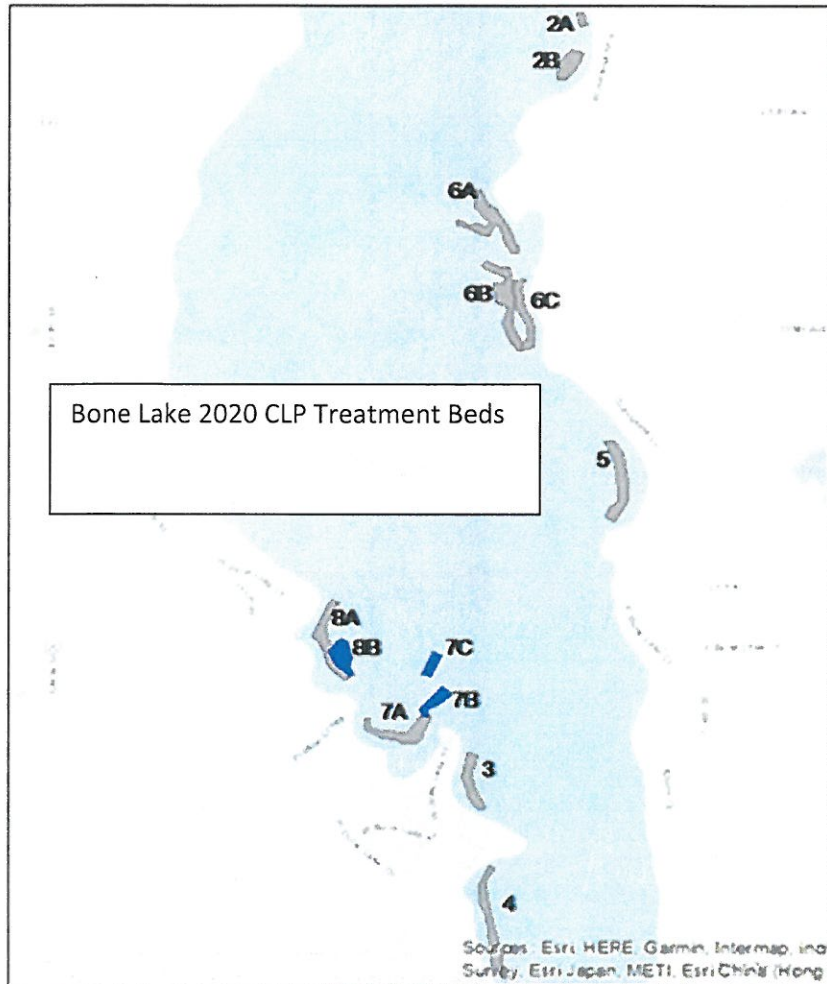
### Please Note:

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.

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.

## Bone Lake 2020 CLP Treatment Maps and Summary



<i>Bone 2019 CLP Treatment Bed Statistics</i>				
Bed	Acres	Mean depth	Acre feet	2020 Target Concentration (ppm)
2A	0.29	7	2.03	2.5
2B	1.53	9.9	15.15	2.5
3	1.85	7.4	13.69	2.5
4	3.18	8.6	27.35	2.5
5	2.95	8.2	24.19	2.5
6A	3.25	6.6	21.45	2.5
6B	3.62	7.5	27.15	2.5
6C	2.07	7.7	15.94	2.5
7A	2.43	7.4	17.98	3.0
7B	1.32	10.7	14.12	3.0
7C	0.82	11.4	9.35	3.0
8A	2.32	6.2	14.38	3.0
8B	2.00	9.6	19.20	3.0
<b>Total</b>	<b>27.63</b>		<b>221.98</b>	



## Bone Lake 2020 CLP Treatment Maps and Summary

Additional Proposed Treatment Area for 2020: Navigational Channel A



<i>Navigational Channel</i>				
Channel	Acres	Mean depth	Acre feet	Target Concentration (ppm)
A	0.32	5	1.6	2.5