

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
John Gozdziński, Regional Director

Northern Region Headquarters
810 W. Maple Street
Spooner, Wisconsin 54801
Telephone 715-635-2101
FAX 715-635-4105
TTY 715-635-4001

April 17, 2010

Permit #27

Bone Lake Management District
2051 100th St.
Luck, WI. 54853

Dear Mr. Murphy:

Enclosed you will find your approved Aquatic Plant Management permit for chemical treatment on Bone Lake in Polk County. Your application has been approved for the area described and may not be expanded. Details of the approved treatment area are as follows:

Township 35,36N Range 16W Sec. 5,6,7,8,18,20,31,32

Specific Project Description (as shown on application form).

This permit is being issued for the early season treatment of CLP in the identified 7 sites listed in the application.

Care should be taken to avoid any disturbance to wild rice that may be in the area.

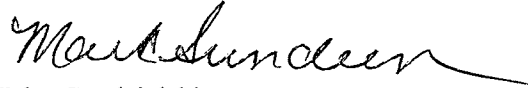
Please include GPS coordinates of all treatment sites with your treatment record.

Please note these selected permit conditions (refer to Section NR 107.08 for complete details):

1. Four-day advance notification of treatment is required unless exempted in Section VII of the application.
2. Treatment sites must be posted a minimum of one day or as specified in the use restrictions on the chemical label.
3. The Aquatic Plant Treatment Record must be submitted within 30 days after treatment with GPS points included for navigational channel locations.
4. "All equipment used for the project shall be de-contaminated following the most current protocols for invasive and exotic viruses and species prior to use and after use. All equipment that comes in contact with infested waters, including but not limited to tracked vehicles, barges, boats, silt or turbidity curtain, hoses, sheet pile and pumps, shall be thoroughly disinfected. To the extent practicable, equipment and gear used on infested waters should not be used on other non-infested waters". Note: The most current decontamination protocols can be found at the following website <http://dnr.wi.gov/> under the topic "Waterway and Wetland Permits".

Thank you for complying with the provisions of Wis. Adm. Code NR 107 concerning the use of aquatic pesticides for plant management. Feel free to contact James Cahow Water Resources Management Specialist, 1418 E. La Salle Ave., Barron, WI 54812-1638, phone 715-537-5046.

Sincerely,

A handwritten signature in cursive script, appearing to read "John Gozdziński", with a long horizontal flourish extending to the right.

John Gozdziński
Northern Region Director

Enc.

Date Mailed April 19-2010

Chemical Aquatic Plant Control Application and Permit

Form 3200-004 (R 6/05)

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DNR Use Only	
ID Number	27
Waterbody #	
Permit Expiration Date	
Fee Received	

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.

Home Address				Lake Address			
Name Bone Lake Management District Harmony Environmental - Cheryl Clemens				Name			
Street or Route 516 Keller Ave S				Street or Route		Fire Number	
City Amery WI		State	ZIP Code	City		State	ZIP Code
Telephone Number (include area code) Home: 715-857-5495 Business: Lake:				Email Address			

Section II - Aquatic Plant Control Location

Waterbody to be Treated (waterbody where treatment area is located) Bone Lake				Lake Surface Area 1781 acres	Estimated Surface Area that is 10 Feet or Less in Depth 450 acres
County Polk	Section 56-1-3 18-20-31	Township 30-36 N	Range <input type="checkbox"/> E <input checked="" type="checkbox"/> W	Adjacent Riparian Property Owner Names (attach sheets if necessary)	
Name of Applicant or Firm 32 Lake Restoration Inc.				1. _____	
Street or Route 12425 Ironwood Circle				2. _____	
City Rogers		State MN	ZIP Code 55374	3. _____	
Telephone Number (include area code)				4. _____	
Home: Business: 763-428-9777				5. _____	
Email Address lrmal@lakerestoration.com				6. _____	
Applicator Certification Number for Category 5 Aquatic Pesticide Application				7. _____	
Business Location License Number (if applicable) 93-006836-006558				Name of Lake Property Owners' Association Representative or Lake District Representative (if none, please indicate) Bone Lake Management District	
Restricted Use Pesticide License Number (if applicable) See Attachment A				DNR Use Only	
				Date Verified w/ DATCP	Certification Expiration
				Date Verified w/ DATCP	Certification Expiration
				Date Verified w/ DATCP	Certification Expiration

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

A. Shoreline Length _____ ft. X Distance From Shore _____ ft. + 43,560 ft. = 13.75	Estimated Acreage. Average Depth _____ ft.
B. Shoreline Length _____ ft. X Distance From Shore _____ ft. + 43,560 ft. = 1.94	Estimated Acreage. Average Depth _____ ft.
C. Shoreline Length _____ ft. X Distance From Shore _____ ft. + 43,560 ft. = _____	Estimated Acreage. Average Depth _____ ft.
D. Shoreline Length _____ ft. X Distance From Shore _____ ft. + 43,560 ft. = _____	Estimated Acreage. Average Depth _____ ft.
E. Shoreline Length _____ ft. X Distance From Shore _____ ft. + 43,560 ft. = _____	Estimated Acreage. Average Depth _____ ft.
Total Estimated Acreage 5.69	

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

NHI Review? ☐ Yes ☐ No Describe:

Chemical Aquatic Plant Control
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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:

Basic Permit Fee (non-refundable) \$ 20.00

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

10 acres X \$25 per acre = \$ 400

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

Enter Acreage Fee (from above) 400.00

Total Fee Enclosed \$ 420.00

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 Attachment B

↑
N

Chemical Aquatic Plant Control Application and Permit

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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: Reduce Impact from AIS - CLPW

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

Curly Leaf pond weed

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 | <u>spreads plant debris, cannot get close to shore</u> |
| 2. Hand pulling | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <u>too dense</u> |
| 3. Hand raking | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <u>too dense</u> |
| 4. Hand cutting | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <u>too dense</u> |
| 5. Sediment screens/covers | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <u>not effective</u> |
| 6. Dredging | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <u>too costly</u> |
| 7. Lake drawdown | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <u>not a control option for immediate concern</u> |
| 8. Nutrient controls in watershed | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <u>not a control option for immediate concern</u> |
| 9. 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:

Trade Name of Proposed Chemical(s) Aquathol K

Method of Application surface application / or underwater injection

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

Treatments in past have had Satisfactory results

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

1. 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.
2. 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
3. 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.
4. 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.

Jennifer Jones
Signature of Applicant

4-2-10
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.

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 2010.

Application fee received?

☒ Yes ☐ No

Advance notification of treatment required?

☒ Yes ☐ No

State of Wisconsin
Department of Natural Resources
For the Secretary

By

Mark Sundeen
Regional Director or Designee

April 17-2010
Date Signed

April 19-2010
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. 227.48(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.



Big
Butternut
Lake

Navigation Channel A (50 ft. wide) 72 acres, avg. depth 6 ft.

CLP Bed 2, 3.5 acres, avg. depth 10.8 ft.

Bone Navigation Channel K (50 ft. wide) 72 acres (avg. depth 7 ft.)

Navigation Channel, E (50 ft. wide) .48 acres, avg. depth 8 ft.

CLP Bed 5; 3.29 acres, avg. depth 7.3 ft.

CLP Bed 3, 1.94 acres, avg. depth 8.6 ft.

CLP Bed 4 5.02 acres, avg. depth 9.1 ft.

Big Round Lake

Half
Moon
Lake



Legend

- 2010 Channels (1.94 acres total acres)
2010 CLP beds (13.75 acres)



Attachment A

Restricted Use Pesticide License Numbers

223167-RA

209101-RA

200157-RA

143379-CA

144408-CA