

April 27, 2020

Alpine Lake Property Owner  
Wautoma, Wisconsin 54982

Re: Proposed Chemical Treatment for Hybrid Eurasian water-milfoil, Alpine Lake, Waushara County, Wisconsin

Dear Alpine Lake Property Owner or Occupant:

The Alpine Lake Protection & Rehabilitation District, with support from the Wisconsin Department of Natural Resources (the WDNR) and Wisconsin Lake & Pond Resource will be assessing and chemically treating nuisance areas of aquatic vegetation, including hybrid water-milfoil, on Alpine Lake. Areas to be treated include up to 7.0 acres.

A copy of the permit application is included and details the location of proposed treatment areas. Proposed treatment areas were identified based upon the presence of nuisance levels of aquatic plants during a recent survey of the lake. Only those areas that are designated in the permit application will be treated with the final determination of where treatment may occur to be made by the on-site WDNR supervisor.

The proposed treatment is going to take place in May depending on water temperatures and is designed to target specific areas. The area to be treated near your property will be selectively treated to help reduce a nuisance population of EWM and/or CLP and help restore native aquatic plant populations in the Lake. The day treatment takes place a bright yellow sign will be placed on each dock or shoreline within 150' of any of the affected treatment areas. **Areas will be treated with a mixture of liquid diquat (Tribune® or Reward®) & Captain®. Please read the yellow treatment sign carefully.**

**Treatment Areas:** Lake users are able to use the treated water for any recreation activities (boating, swimming, fishing, etc) without restriction immediately after treatment. Water from treated areas should not be used for watering livestock, preparing agricultural sprays for food crops, or irrigating for domestic purposes for 5 days following treatment.

If you have questions or request a current copy of the manufacturers' label for the herbicides to be used for this treatment, please contact Jim Scharl with Wisconsin Lake & Pond Resource at (920) 872-2032. Neither the District nor the applicator can answer specific questions about herbicide use and possible effects other than what is represented on the approved label. The EPA registers all products for use within the U.S. and answers to most questions can found at <http://dnr.wi.gov/lakes/plants/factsheets>

Sincerely,

Alpine Lake Protection & Rehabilitation District

**Please run the following ad once, immediately and send of a copy of the notice when it is published with the completed permit application, noting the date of publication**

## PUBLIC NOTICE

The Alpine Lake Protection & District proposes to chemically treat up to 7 acres on Alpine Lake for control of the invasive species hybrid Eurasian water-milfoil and/or to reduce vegetation causing a navigational nuisance. Wisconsin Lake & Pond Resource will perform the treatment in 2020. A mix of herbicides containing the active ingredients of diquat (Tribune) and copper (Captain) will be used to control hybrid Eurasian water-milfoil and nuisance vegetation. Warning signs will be posted within 150' of the affected areas at the time of treatment which will include any restrictions relating to fish consumption, swimming, or water use as follows;

### **Treatment Areas:**

Lake users are able to use the treated water for any recreation activities (boating, swimming, fishing, etc) without restriction immediately after treatment. Water from treated areas should not be used for watering livestock, preparing agricultural sprays for food crops, or irrigating for domestic purposes for 5 days following treatment.

The District will hold a public informational meeting on the proposed treatments if five or more individuals, organizations, special units of government, or local units of government request one in writing. The person or entity requesting the meeting shall state a specific agenda of topics including problems and alternatives to be discussed. The request for the public informational meeting must be sent in writing to the Alpine Lake Protection & Rehabilitation District, PO Box 155, Wautoma, WI 54982 and to Wisconsin Department of Natural Resources, 625 East County Road Y, STE 700, Oshkosh, WI 54901 within five days of this publication.

**Chemical Aquatic Plant Control Application and Permit  
 Wisconsin Pollutant Discharge Elimination System (WPDES)  
 Pesticide Pollutant Permit Application**  
 Form 3200-004 (R 06/19)

**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	Name Alpine Lake Protection & Rehabilitation District			Waterbody Address	Name Alpine Lake Protection & Rehabilitation District		
	Street Address PO Box 155				Street Address PO Box 155		
	City Wautoma	State WI	ZIP Code 54982		City Wautoma	State WI	ZIP Code 54982
	Phone Number (include area code) Primary: (608) 334-4604      Secondary: _____				Email Address jpkindinger@gmail.com		

**Section II – Aquatic Plant Control Location**

Waterbody to be Treated (waterbody where treatment area is located) Alpine Lake				Lake Surface Area 52 acres	Estimated Surface Area that is 10 Feet or Less in Depth 35 acres		
County Waushara	Section 4	Township 18 N	Range 11 <input type="radio"/> E <input checked="" type="radio"/> W	Name of Applicator or Firm Wisconsin Lake & Pond Resource			
Latitude 44.0607010	Longitude -89.1932540			Street or Route N7828 Town Hall Rd			
<ul style="list-style-type: none"> <li>• Is there more than one property owner? <input checked="" type="radio"/> Yes <input type="radio"/> No</li> <li>• Will there be uncontrolled surface water discharge? <input checked="" type="radio"/> Yes <input type="radio"/> No</li> <li>• Does the waterbody have public access? <input checked="" type="radio"/> Yes <input type="radio"/> No</li> </ul> If all are no: this is a private pond, please use form <b>3200-155</b>				City Eldorado	State WI	ZIP Code 54932	
Adjacent Riparian Property Owner Names (attach sheets if necessary)				County Fond Du Lac		Phone Number (include area code) (920) 872-2032	
1. see attached				Email Address jim@wisconsinlpr.com			
2. _____				Applicator Certification Number for Category 5 Aquatic Pesticide Application 77803			
3. _____				Business Location License Number (if applicable) 93-015182-012226			
4. _____				Restricted Use Pesticide License Number (if applicable)			
5. _____							
6. _____							
Name of Lake Property Owners' Association Representative or Lake District Representative (if none, please indicate) Jason Kundinger							

Area(s) Proposed for Control:	Treatment Length	Treatment Width	Estimated Acreage	Average Depth	Calculated Volume	
1.	ft X _____	ft ÷ _____	43,560 ft <sup>2</sup> = _____ ac	X _____ ft = _____ ac-ft	_____ ac-ft	
2.	ft X _____	ft ÷ _____	43,560 ft <sup>2</sup> = _____ ac	X _____ ft = _____ ac-ft	_____ ac-ft	
3.	ft X _____	ft ÷ _____	43,560 ft <sup>2</sup> = _____ ac	X _____ ft = _____ ac-ft	_____ ac-ft	
4.	ft X _____	ft ÷ _____	43,560 ft <sup>2</sup> = _____ ac	X _____ ft = _____ ac-ft	_____ ac-ft	
5.	ft X _____	ft ÷ _____	43,560 ft <sup>2</sup> = _____ ac	X _____ ft = _____ ac-ft	_____ ac-ft	
6.	ft X _____	ft ÷ _____	43,560 ft <sup>2</sup> = _____ ac	X _____ ft = _____ ac-ft	_____ ac-ft	
7.	ft X _____	ft ÷ _____	43,560 ft <sup>2</sup> = _____ ac	X _____ ft = _____ ac-ft	_____ ac-ft	
8.	ft X _____	ft ÷ _____	43,560 ft <sup>2</sup> = _____ ac	X _____ ft = _____ ac-ft	_____ ac-ft	
9.	ft X _____	ft ÷ _____	43,560 ft <sup>2</sup> = _____ ac	X _____ ft = _____ ac-ft	_____ ac-ft	
Estimated Acreage Grand Total			7 ac	Calculated Volume Grand Total		35 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? <input type="radio"/> Yes <input checked="" type="radio"/> No	DNR Use: NHI Review? <input type="radio"/> Yes <input type="radio"/> No Describe: _____
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# Chemical Aquatic Plant Control Application and Permit WPDES Pesticide Pollutant Permit Application

Form 3200-004 (R 06/19)

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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.)

7 acres X \$25 per acre = \$ 175  
 If proposed treatment is ≤ 0.25 acre, acreage fee is \$0.

Enter Acreage Fee (from above) .....	\$ <u>175.00</u>
Basic Permit Fee (non-refundable) .....	\$ <u>20.00</u>
<b>Total Fee Enclosed</b> .....	<b>\$ <u>195.00</u></b>

**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? <input checked="" type="radio"/> Yes <input type="radio"/> No	Treatment Type: <input checked="" type="radio"/> Lake <input type="radio"/> Pond <input type="radio"/> Wetland <input type="radio"/> Marina <input type="radio"/> Other
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Goal of Aquatic Plant Control: 1. <input checked="" type="checkbox"/> Maintain navigational channel 2. <input checked="" type="checkbox"/> Maintain boat landing and carry in access 3. <input checked="" type="checkbox"/> Improve fish habitat 4. <input type="checkbox"/> Maintain swimming area 5. <input checked="" type="checkbox"/> Control of invasive exotics 6. <input type="checkbox"/> Other: _____	Nuisance Caused By: <input type="checkbox"/> Algae <input type="checkbox"/> Emergent water plants (majority of leaves and stems growing above water surface, e.g. cattails, bulrushes) <input type="checkbox"/> Floating water plants (majority of leaves floating on water surface, e.g., waterlilies, duckweed) <input checked="" type="checkbox"/> Submerged water plants (leaves and stems below water surface, flowering parts may be exposed, e.g., milfoil, coontail) <input type="checkbox"/> Other: _____
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List Target Plants <input type="checkbox"/> Algae <input type="checkbox"/> Common/Glossy Buckthorn <input checked="" type="checkbox"/> Coontail <input type="checkbox"/> Curly Leaf Pondweed <input type="checkbox"/> Duckweeds <input checked="" type="checkbox"/> Pondweeds	<input checked="" type="checkbox"/> Elodea <input checked="" type="checkbox"/> Eurasian Watermilfoil <input type="checkbox"/> Flowering Rush <input type="checkbox"/> Hybrid Cattail <input checked="" type="checkbox"/> Hybrid Watermilfoil Other plants: _____	<input type="checkbox"/> Japanese Knotweed <input type="checkbox"/> Naiad <input type="checkbox"/> Narrow-Leaf Cattail <input type="checkbox"/> Phragmites <input type="checkbox"/> Purple Loosestrife	<input type="checkbox"/> Reed Canary Grass <input type="checkbox"/> Reed Manna Grass <input type="checkbox"/> Starry Stonewort <input type="checkbox"/> Yellow Floating Heart <input type="checkbox"/> Yellow Iris
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**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"/> Clearigate	<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"/> Phycomyacin 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 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 checked="" type="checkbox"/> Captain	<input type="checkbox"/> Element 3A	<input type="checkbox"/> K-Tea	<input type="checkbox"/> Refuge	<input type="checkbox"/> Shore-Klear	<input checked="" type="checkbox"/> Tribune
<input checked="" 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: injection

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

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## Section V – Chemical Control (continued)

Alternatives to Chemical Control:	Feasible?	If No, Why Not?
1. Mechanical harvesting	<input checked="" type="radio"/> Yes <input type="radio"/> No	
2. Manual removal	<input type="radio"/> Yes <input checked="" type="radio"/> No	<u>too large of areas</u>
3. Sediment screens/covers	<input type="radio"/> Yes <input checked="" type="radio"/> No	<u>non-target damage</u>
4. Dredging	<input type="radio"/> Yes <input checked="" type="radio"/> No	<u>not feasible</u>
5. Lake drawdown	<input type="radio"/> Yes <input checked="" type="radio"/> No	<u>not approved currently</u>
6. Nutrient controls in watershed	<input type="radio"/> Yes <input checked="" type="radio"/> No	<u>not a control option for immediate concerns</u>
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?

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: 0.01 ppm Proposed Chemical(s): Captain

## 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

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## 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

\_\_\_\_\_  
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\_\_\_\_.

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.



**Wisconsin  
Lake & Pond Resource LLC**

"Providing Professional Resources for Management of Your Lake or Pond"  
www.WisconsinLPR.com (920) 872-2032

### Proposed Navigational Management Lanes\*

Alpine Lake, Waushara County  
All lanes up to 30-ft wide

\* - Management lanes approximate. To be verified day-of control