

Aquatic Plant Management

NOTE: Missing or incomplete fields are highlighted at the bottom of each page. You may save, close and return to your draft permit as often as necessary to complete your application. If there are no updates in 90 days, your draft is deleted

This Application has been Signed and Submitted by: i:0#.f|wamsmembership|kim0416 signed on 2021-02-02T11:59:57

Site or Project Name: Delavan Lake

The permit application will be saved automatically with this name

Activity: Chemical Control Application

Eligibility:

(All questions must be no for it to be considered a private pond.)

Is there more than one property owner?

Yes No

Will there be uncontrolled surface water discharge?

Yes No

Does the water body have public access?

Yes No

3200-004 Chemical Aquatic Control Application

NOTE: To be considered a private pond, a waterbody must meet all of the following requirements:

1. Confined to one property owner.
2. The pond has no uncontrolled surface water discharge.
3. No public access.

Upon submittal of your permit application, a **non-refundable \$20 permit processing fee will be charged**. Additional acreage fees will be refunded if the permit request is denied or if no treatment occurs.

3200-004 Chemical Aquatic Plant Control Application

- Annually complete all pages on Form 3200-004 for chemical plant management applications. Complete form 3200-004a for large scale treatments(exceeds 10.0 acres in size or 10% of the area of the water body that is 10 feet or less in depth) as required by NR107.04(3).
 - Form 3200-004 is completed electronically through this system.
 - Form 3200-004a must be completed outside the system and uploaded to the attachments section. Please refer to this link for a copy of this form: <http://dnr.wi.gov/files/pdf/forms/3200/3200-004A.pdf>
- Attach a map that shows the treatment location(s), treatment dimensions and riparian landowners. If requesting WPDES coverage, attach a water body map that shows surface outflow and receiving waters.
- For a large-scale treatment, attach evidence that a public notice has been published in a regional / local newspaper and if required that a public informational meeting has been conducted as defined in NR107.04(3).
- Pay fee online.
- Sign and Submit form.
- A signed permit application certifies to the Department that a copy of the application has been provided to any affected property owner's association/district and to landowners adjacent to treatment area.

Contact Information**Applicant Information**

Organization: Delavan Lake Sanitary District
Last Name: DeLuca
First Name: Jim
Mailing Address: 2990 County Rd F, South
City: Delavan
State: WI
Zip Code: 53115
Email: jim@dlsd.org
Phone Number: 262-728-4100
(xxx-xxx-xxxx)
Alternative Phone Number: 262-210-1741
(xxx-xxx-xxxx)

Waterbody Address

Last Name: Handel
First Name: Charles
Street Address: 2990 County Rd F, South
City: Delavan
State: WI
Zip Code: 53115
Email: charlie@dlsd.org
Phone Number: 262-728-4100
(xxx-xxx-xxxx)
Alternative Phone Number: 262-749-6303
(xxx-xxx-xxxx)

Applicator

Name of Applicator Firm: Lake and Pond Solutions
Applicator Certification #: 46548,65667,m87910,92331,47905,75983
Business Location License #: 93-011101-014739
Restricted Use Pesticide #:
Address: W4950 County Rd A
City: Elkhorn
State: WI
Zip: 53121
Email: roy@lakeandpondsolutions.com

Phone Number: 262-742-2600
 (xxx-xxx-xxxx)

Adjacent Riparian Property Owners or Other Individuals Sponsoring Removal

Individuals and organizations (e.g. Lake District, Lake Association, Property Owners Association, County Department of Recreation), sponsoring removal.

Uploaded riparian owners to attachment tab

Name	Address	Phone	Email Address
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Site Information - Complete

Water Body to be Treated

Waterbody Property Owners Association or Waterbody District Representative : None

Water Body Name: Delavan Lake

County: Walworth

Latitude: 42.6045

Longitude: -88.609

Section: 28

Township: 02

Range: 16

Direction: E W

Waterbody Surface Area: 2,072 acres

Estimated Surface area that is 10ft or less 601 acres

Proposed Treatment Area

Area(s) Proposed for Control:

Treatment Length	Treatment Width	Estimated Acreage	Average Depth	Calculated Volume
1,400 ft x 60 ft	$\div 43,560 \text{ ft}^2 = 1.93$	1.93 ac	4 ft =	7.71 ac-ft
1,660 ft x 50 ft	$\div 43,560 \text{ ft}^2 = 1.91$	1.91 ac	4 ft =	7.62 ac-ft
1,025 ft x 50 ft	$\div 43,560 \text{ ft}^2 = 1.18$	1.18 ac	3 ft =	3.53 ac-ft
4,076 ft x 150 ft	$\div 43,560 \text{ ft}^2 = 14.04$	14.04 ac	4 ft =	56.14 ac-ft
3,180 ft x 100 ft	$\div 43,560 \text{ ft}^2 = 7.30$	7.30 ac	3 ft =	21.90 ac-ft
7,500 ft x 150 ft	$\div 43,560 \text{ ft}^2 = 25.83$	25.83 ac	1 ft =	25.83 ac-ft
12,887 ft x 20 ft	$\div 43,560 \text{ ft}^2 = 5.92$	5.92 ac	1 ft =	5.92 ac-ft
Estimated Acreage Grand Total		58.09 ac	Calculated Volume Grand Total	128.65 ac-ft

Is the area with in or adjacent to a sensitive area designated by the Department of Natural Resources.

Yes No

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.

Chemical Aquatic Plant Control Information - Form 3200-004 (R 2/17)

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.].

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:

- Maintain navigation channel
- Maintain boat landing and carry in access
- Improve fish habitat
- Maintain swimming area
- Control of invasive exotics
- Other

Nuisance Caused By:

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

List Target Plants

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

Other Target Plants:

Pennywort

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

Chemical Control

Full Trade Name of Proposed Chemical(s)

Select Chemical Name: Algimycin PWF Algaecide / Cyanobactericide

Select Chemical Name: Captain XTR Liquid Copper Algaecide

Select Chemical Name: Clearigate

Select Chemical Name: Cutrine-Plus Algaecide and Herbicide

Select Chemical Name: Cutrine-Ultra Algaecide / Herbicide / cyanobactericide

Select Chemical Name: Earthtec Algaecide / Bactericide

Select Chemical Name: Formula F-30 Algae Control

Select Chemical Name: Green Clean (general)

Select Chemical Name: Komeen Aquatic Herbicide

Select Chemical Name: Komeen Crystal Aquatic Herbicide

Select Chemical Name: Phycomycin SCP Algaecide and Oxidizer

Select Chemical Name: K-Tea Aquatic Algaecide

Select Chemical Name: Alligare Argos Algaecide and Herbicide

Select Chemical Name: AquaStrike

Select Chemical Name: Aquathol K Aquatic Herbicide

Select Chemical Name: Aquathol Super K Granular Aquatic Herbicide

Select Chemical Name: Avast! SC Aquatic Herbicide

Select Chemical Name: Clipper SC Aquatic Herbicide

Select Chemical Name: DMA 4 IVM Herbicide

Select Chemical Name: Habitat (general)

Select Chemical Name: Hydrothol 191 Aquatic Algicide and Herbicide

Select Chemical Name: Navigate

Select Chemical Name: Navitrol DPF Aquatic Herbicide

Select Chemical Name: Reward Landscape and Aquatic Herbicide

Select Chemical Name: Sculpin G Aquatic Herbicide

Select Chemical Name: Sonar Genesis Aquatic Herbicide

Select Chemical Name: SonarOne Aquatic Herbicide

Select Chemical Name: Symmetry NXG

Select Chemical Name: Weedar 64 Broadleaf Herbicide

Select Chemical Name: Refuge Herbicide

Select Chemical Name: Shoreklear-Plus Aquatic Herbicide

Select Chemical Name: Touchdown Pro

Select Chemical Name: ProcellaCOR EC

Select Chemical Name: Alligare Argos Algaecide and Herbicide

Select Chemical Name: Roundup Custom for Aquatic & Terrestrial Use

Select Chemical Name:

Other (not listed above) Other: Lake Life; Galleon

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

All Some None

Method of Application: Spot

What were the results of the treatment?

90% success

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

Alternatives to Chemical Control:

Feasible? If No, Why Not?

1. Mechanical harvesting

Yes No

2. Manual removal

Yes No Too labor intense

3. Sediment screens/covers

Yes No NA

4. Dredging

Yes No Cost

5. Waterbody drawdown

Yes No Cost

6. Nutrient controls in watershed

Yes No

7. Other:

Yes No Permit in process for surface suction of filamentous algae, duckweed and ...

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

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

Yes No

Is the treatment area greater than 5% of surface area?

Yes No

WPDES Permit Request:

Is WPDES coverage being requested? Refer to

<http://dnr.wi.gov/topic/wastewater/aquaticpesticides.html> for more information

Yes - complete section VII with signature.

No

Already have WPDES

WPDES coverage not needed

Required Attachments and Supplemental Information

Upload Required Attachments (15 MB per file limit) - [Help reduce file size and trouble shoot file uploads](#)

* indicates completion of this item is required

Note: To add additional attachments using the down arrow icon. To replace an existing file, use the 'Click here to attach file ' link. To remove additional items, select the item and press CNTRL Delete.

Riparian Owners  File Attachment

[LakeFrontPropertyOwners2021.pdf](#)

Public Notice  File Attachment

[AffidavitofPublicNotice.pdf](#)

Large Scale
Worksheet  File Attachment

Site Map  File Attachment

[ChemicalTreatmentLocations.jpg](#)

Fee Calculation

Chemical Control Application

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.

If Proposed treatment is over 0.25, calculate acreage fee: (round up to nearest whole acre, to maximum of 50 acres)	58.09
acres X \$25 per acre = \$	\$1,250.00
If proposed treatment is less than 0.25 acre, acreage fee is \$0	
Basic Permit Fee (non-refundable)	\$20.00
Total Fee	\$1,270

Payment Information

Invoice Number: WP-00026979

Payment Confirmation Number: WS2WT3006105914

Amount Paid: \$1,270

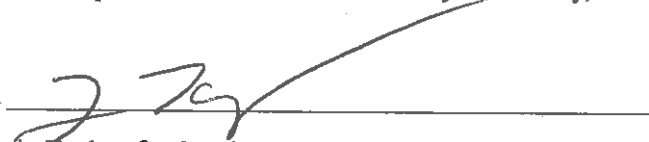
Affidavit of Printing State of Wisconsin

County of Walworth

City of Delavan

Southern Lakes Newspapers, LLC, certifies that it is the publisher of the Delavan Enterprise; that such paper is a secular newspaper of general circulation in said county; that it is printed and published in the village/city, county and state aforesaid. It hereby further certifies that a notice, of which the attached notice is a true copy, has been legally published in said newspaper 1 time(s) for 1 consecutive week(s); That the first publication was on the 21st day of January, 2021; The last publication was on the 21st day of January, 2021.

Signed



By Laurie Tanley, for Southern Lakes Newspapers, LLC

Subscribed and sworn to before me this

22 day of January



Notary Public, State of Wisconsin

My commission expires 1/20/22

KAREN WHITTINGTON
Notary Public
State of Wisconsin

NOTICE OF APPLICATION FOR AQUATIC PLANT MANAGEMENT PERMIT

The Delavan Lake Sanitary District intends to apply for permits from the Wisconsin Department of Natural Resources to treat approximately 165 acres of Delavan Lake with aquatic pesticides to control algae and/or aquatic plants. The proposed treatments would occur between April 15 and November 15, 2021.

The Sanitary District will conduct a public information meeting on the proposed treatment if five or more individuals, organizations, special units of government or local units of government request one. The meeting would give citizens a chance to learn more about the proposed treatment from the permit applicant. The Delavan Lake Sanitary District is not required to, but may, change the proposed treatment based upon information provided by citizens attending the meeting.

Any request for a public meeting on this proposed treatment must be made within five (5) days after this notice is published. The request must specify the topics to be discussed at the meeting, including problems and alternatives, and must be sent in writing to the Delavan Lake Sanitary District, 2990 South County Road F, Delavan, WI 53115 and to the Wisconsin Department of Natural Resources, Waukesha Service Center, 151 NW Barstow Street, Room 180, Waukesha, WI 53188.

This notice is required by Chapter NR 107, Wisconsin Administrative Code.

Delavan Lake Sanitary District

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Chemical Treatment Areas Delavan Lake

