



Permit #: SE-2018-65-0770

Waterbody Name: Geneva Lake

Date: 5/16/2018

Contact Person: Jon Duggan

Subject: Aquatic Plant Management Permit Application

Dear Jon

Enclosed is your approved permit for the chemical treatment of aquatic plants in Geneva Lake.
The proposed treatment is a maximum of 9.72 acres.

This permit has been issued in accordance with Wisconsin Administrative code NR 107. Aspects of this permit may not be changed without prior approval of the Department of Natural Resources. Issuance of this permit is not an endorsement for the action authorized. Notification by email is required. Please note the permit conditions below.

Lake Specific Permit Conditions: (All checked conditions apply to this permit)

The use of some product's specific formulations have been denied due to the potential effects on special concern, threatened or endangered species that may be present at the treatment area, or in proximity that migration to the treatment area is possible. These species may have been recently found in the area or research has shown impacts to these species from a product. Please consult product label for specific formulations.

Herbicide applications may be limited in areas where high value native aquatic plants (such as native pondweeds, native milfoils, water shield, water lilies, bulrush, water celery, bladderwort, naiads, crowfoot, etc) are more abundant than Eurasian watermilfoil, curly-leaf pondweed, or coontail.

Treatment may not occur in the DNR designated sensitive area.

Herbicide applications to treat aquatic exotic species may be allowed in Sensitive Areas if there is no potential damage to native species present. These areas can be seen on the attached Sensitive Area map for _____.

The herbicides _____ may not be used.

Treatment must occur in the spring when Eurasian watermilfoil is actively growing (2 to 4 inches of green tips).

Results of the pretreatment aquatic plant survey and proposed treatment areas must be submitted to Lakes Biologist Heidi Bunk (Heidi.Bunk@wi.gov) a minimum of _____ working days prior to anticipated treatment.

You must notify Lakes Biologist Heidi Bunk by e-mail (Heidi.Bunk@wi.gov) a minimum of 4 working days prior to anticipated treatment to schedule supervision.

- Hydrothol 191 may only be applied at a concentration of 0.3 ppm or less.
- Reward may only be applied at a concentration of 0.37 mg/L or less.
- The herbicide _____ may only be applied at a concentration of _____ or less.
- The herbicide _____ may only be applied at a concentration of _____ or less.
- The herbicide(s) _____ may not be applied until the registration process with DATCP is complete.

General Permit Conditions: (All conditions apply to this permit)

- The permit holder, per NR107.08(8), shall submit the Aquatic Plant Management Treatment record for treatment as follows:
 - A. Immediately, if any unusual circumstances occur during treatment.
 - B. Within 30 days, if treatment occurs.
 - C. By October 1 of this year if no treatment occurred.
- A copy of the permit application must be provided to riparian property owners in and adjacent to the treatment area before the treatment may occur. The application may be provided by US mail, e-mail, or a US mail postcard directing the property owner to a public website that has posted the permit application.
- Treatment concentration cannot exceed maximum recommended dosage for target species, as listed on the product label.
- All equipment used in the lake must be sanitized before entering waters of the state and must abide by all provisions of NR 40.
- Posting signs shall be placed on each individual property in and adjacent to the treatment area. These posting signs shall clearly indicate which properties have and have not had treatment in front of their riparian property. A posting sign shall also be provided at the public boat launch, which will include a map of the treatment area.
- Application is restricted to the permitted area as shown on the map included in the permit application.

Any chemical treatments or locations not described in this application will require an additional permit from the Department. Future permit applications will be evaluated based on the information at that time.

Please feel free to contact me by email at Heidi.Bunk@wi.gov if you have any questions.

Sincerely,



Heidi Bunk
Lakes Biologist

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

Form 3200-004 (R 02/17)

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.].

DNR Use Only	
ID Number SE-2018-65-0770	Permit Expiration Date 10/01/2018
Waterbody # 758300	Fee Received \$270

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.

<p>Home Address</p> <p>Name Geneva Lake Property Owners</p> <p>Street Address 1144 Grant St</p> <p>City Lake Geneva WI</p> <p>State WI</p> <p>ZIP Code 53147</p> <p>Phone Number (include area code) Primary: (262) 248-0365 Secondary:</p>	<p>Waterbody Address</p> <p>Name</p> <p>Street Address</p> <p>City</p> <p>State</p> <p>ZIP Code</p> <p>Email Address</p>
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Section II – Aquatic Plant Control Location

Waterbody to be Treated (waterbody where treatment area is located) Geneva Lake	Lake Surface Area 5,290 acres	Estimated Surface Area that is 10 Feet or Less in Depth 2,100 acres
County Walworth	Section 16	Township 02 N
Range 17	<input checked="" type="radio"/> E <input type="radio"/> W	
Latitude 42.5000000	Longitude -86.5000000	
• Is there more than one property owner? <input checked="" type="radio"/> Yes <input type="radio"/> No	• Is there surface water discharge? <input checked="" type="radio"/> Yes <input type="radio"/> No	
• Does the waterbody have public access? <input checked="" type="radio"/> Yes <input type="radio"/> No	If all are no: considered to be a private pond	
Adjacent Riparian Property Owner Names (attach sheets if necessary)	1. attached 2. 3. 4. 5. 6.	
Name of Lake Property Owners' Association Representative or Lake District Representative (if none, please indicate)	Name of Applicator or Firm Bio Aquatic Services, LLC Street or Route 1144 Grant Street City Lake Geneva WI State WI ZIP Code 53147 County Walworth Phone Number (include area code) (262) 248-0365 Email Address jonathan.duggan@earthlink.net Applicator Certification Number for Category 5 Aquatic Pesticide Application 073075, 071559 Business Location License Number (if applicable) 93-015557-012554 Restricted Use Pesticide License Number (if applicable)	

	Treatment Length		Treatment Width		Estimated Acreage		Average Depth		Calculated Volume							
1.	2,450	ft X	50	ft ÷	43,560 ft ²	=	2.81	ac X	4	ft =	11.24	ac-ft				
2.	3,012	ft X	100	ft ÷	43,560 ft ²	=	6.91	ac X	4	ft =	27.64	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 Grand Total							9.72		ac		Calculated Volume Grand Total		38.88		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

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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.)

_____ 10 _____ acres X \$25 per acre = \$ _____ 250 _____

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

Enter Acreage Fee (from above) \$ _____ 250.00

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

Total Fee Enclosed \$ _____ 270.00

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

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

EWM, Curlyleaf, Elodea, Pondweeds, Algae

Section V – Chemical Control

Alternatives to Chemical Control:	Feasible?	If No, Why Not?
1. Mechanical harvesting	<input type="radio"/> Yes <input checked="" type="radio"/> No	<u>not possible around here</u>
2. Manual removal	<input type="radio"/> Yes <input checked="" type="radio"/> No	<u>too labor intensive</u>
3. Sediment screens/covers	<input type="radio"/> Yes <input checked="" type="radio"/> No	<u>not possible here</u>
4. Dredging	<input type="radio"/> Yes <input checked="" type="radio"/> No	<u>too costly</u>
5. Lake drawdown	<input type="radio"/> Yes <input checked="" type="radio"/> No	<u>not possible</u>
6. Nutrient controls in watershed	<input type="radio"/> Yes <input checked="" type="radio"/> No	<u>not issue</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.

If you checked yes to any of the alternatives listed above, please explain your decision to use chemical controls:

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

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Section V – Chemical Control (continued)

Full Trade Name of Proposed Chemical(s)

Citrine Plus, DMA,4, Navigate, Reward, Aquathol

Method of Application: Spray w/boat and 2in sprayer, and backpack blower

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?

good results in past seasons

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

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.
5. 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

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.

_____ Jon Duggan
 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 2018.

Application fee received?

- Yes No

State of Wisconsin
Department of Natural Resources
For the Secretary

Advance notification of treatment required?

- Yes No

By Adelaid Burt
Regional Director or Designee

 Date Signed 5/16/2018 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.

Geneva Lake Property Owners

	Pier	Shoreline
Edith Andrew	5	85
Bay Colony	286	200
Brent Brodeski	132	202
Wayne Brown	608	50
Chicago Club	535	100
Club Unique	479	100
Joe Cosenza	763	163
Jan Cox	100	100
Gladys Cunningham	686	100
Scott Dillon	756	100
Bob Filek	234	60
Andrea Fitzgerald	443	40
Robert Flannery	565	100
Geneva Bay Estates	38	110
Thomas Gleitsman	89	117
WJ Goes	8a	47
Majorie Greenfield	175	100
Phil Hagenah	46	100
John Holmes	279	50
John Hugenard	105	100
Indian Hills	471	300
George Keifer	477	90
Linda Kirch	695	50
Jim Kirshlager	299	50
Carol Lacy	538	53
LG Beach Ass	755	250
Lake Geneva CC	710	100

Ron Levin	551	100
Carl Ludstrom	228	100
Ken Mannino	145	50
Dan Mcarthy	476	44
John Morand	109	50
Nancy Mose	280	50
Jane Murphy	81a	110
Jeffery Neal	397	120
Mike Ohalleran	481	93
Ron Pankau	77	60
Wayne Plaza	342	40
Barbara Swanke	642	100
Shore Haven	542	100
Roger Stedronsky	472	40
Frank Stelletta	576	50
Bob Streed	757	80
Summer Haven	289	100
Chuck Thomas	539	53
Town of Linn	679/749	150
Jerome Vanisi	107	47
Valley Prk	626/628	200
Patrica Walsh	377	86
Jim Willet	4	72
Eugene Wittenstrom	143	50
Woodale	644	100
Ron Yonover	660	100
Doug Zak	673	100



