

March 18, 2019

Spring Lake Property Owner  
Spring Lake, Wisconsin

Re: Proposed Chemical Treatment for Eurasian water-milfoil and curly-leaf pondweed, Spring Lake, Waushara County, Wisconsin

Dear Spring Lake Property Owner or Occupant:

The Spring Lake Management District (SLMD), with support from the Wisconsin Department of Natural Resources (the WDNR) and Cason & Associates will be assessing and chemically treating areas of Eurasian water-milfoil (EWM) and curly-leaf pondweed (CLP) on Spring Lake. Areas to be treated include up to 4.0 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 the target vegetation during a 2018 survey of the lake. The CLP treatment areas identified in 2018 are being retreated in 2019 to reduce existing plants and new growth sprouting from dormant buds (turions) still in the lake bed from prior growth years. A Spring 2019 aquatic plant survey will be conducted to more closely identify the treatable areas of new growth for both the CLP and EWM. 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 treatment is going to take place in April or May and is designed to target CLP and EWM. The area to be treated near your property will be selectively treated to help reduce a nuisance population of EWM and CLP and help restore native aquatic plant populations in Spring 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 of just CLP will be treated with Aquathol K (endothall). EWM will be treated with Aquastrike® (active ingredients diquat & endothall) or 2, 4-D herbicides. Please read the yellow treatment signs posted carefully.**

Lake users are able to use the treated water for any recreation activities (boating, swimming, fishing, etc) and without restriction immediately after treatment. Users should refrain from using the water for human consumption for 3 days, turf and landscape irrigation for 3 days, agricultural irrigation for 5 days, and animal watering for 14 days following treatment.

If you have questions or to request a current copy of the manufacturer's label to be used for this treatment, please contact Brad Roost at Cason & Associates at 920-361-4088. Neither the SLMD 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://www.epa.gov/pesticides/about/index.htm>.

Sincerely,

Spring Lake Management District

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

Form 3200-004 (R 02/17)

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**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	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 Spring Lake Management District c/o Kevin Milliken				Name			
Street Address P.O. Box 237				Street Address			
City Neshkoro		State WI	ZIP Code 54960	City		State	ZIP Code
Phone Number (include area code) Primary: (608) 347-2612      Secondary:				Email Address kmilliken@rwelaw.net			

**Section II – Aquatic Plant Control Location**

Waterbody to be Treated (waterbody where treatment area is located) Spring Lake				Lake Surface Area 50 acres	Estimated Surface Area that is 10 Feet or Less in Depth 11 acres
County Waushara	Section 23	Township 18 N	Range 11 <input checked="" type="radio"/> E <input type="radio"/> W	Name of Applicator or Firm Cason & Associates, LLC	
Latitude 44.0084680		Longitude -89.1660650		Street or Route P.O. Box 230	
<input checked="" type="radio"/> Is there more than one property owner? <input checked="" type="radio"/> Yes <input type="radio"/> No				City Berlin	
<input type="radio"/> Is there surface water discharge? <input type="radio"/> Yes <input checked="" type="radio"/> No				State WI	
<input checked="" type="radio"/> Does the waterbody have public access? <input type="radio"/> Yes <input type="radio"/> No				ZIP Code 54923	
If all are no: considered to be a private pond				County Green Lake	
Adjacent Riparian Property Owner Names (attach sheets if necessary)				Phone Number (include area code) (920) 361-4088	
1. See attached list				Email Address info@casonassociates.com	
2.				Applicator Certification Number for Category 5 Aquatic Pesticide Application 95-058843; 95-069439; 95-080042; 95-077987	
3.				Business Location License Number (if applicable) 93-017940-013932	
4.				Restricted Use Pesticide License Number (if applicable) n/a	
5.					
6.					
Name of Lake Property Owners' Association Representative or Lake District Representative (if none, please indicate) Kevin Milliken					

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> =	4 ac X	4.5 ft =	18 ac-ft
Estimated Acreage Grand Total				4 ac	Calculated Volume Grand Total	18 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 02/17)

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## Section III – Fees

- s. NR 107.11(1), Wis. Adm. Code, lists the conditions under which the permit fee is limited to the \$20 minimum charge.
- s. NR 107.11(4), Wis. Adm. Code, lists the uses that are exempt from permit requirements.
- 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.
- Fee calculations: If proposed treatment is over 0.25 acre, calculate acreage fee:  
(round up to nearest whole acre, to maximum of 50 acres.)

4 acres X \$25 per acre = \$ 100

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

Enter Acreage Fee (from above) . . . . . \$ 100.00

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

Total Fee Enclosed . . . . . \$ 120.00

**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:

- ☐ Maintain navigational 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 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

Eurasian watermilfoil, curly-leaf pondweed

**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

☐ Yes ☒ No

Not species-specific; causes fragmentation

2. Manual removal

☒ Yes ☐ No

3. Sediment screens/covers

☐ Yes ☒ No

Too labor intensive

4. Dredging

☐ Yes ☒ No

Not feasible

5. Lake drawdown

☐ Yes ☒ No

Not feasible

6. Nutrient controls in watershed

☐ Yes ☒ No

Will not eliminate nuisance

7. Other: \_\_\_\_\_

☐ Yes ☐ 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:

Some manual removal expected