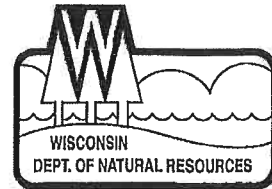


State of Wisconsin  
DEPARTMENT OF NATURAL RESOURCES  
810 W. Maple Street  
Spooner WI 54801

Scott Walker, Governor  
Daniel L. Meyer, Secretary  
Telephone 608-266-2621  
Toll Free 1-888-936-7463  
TTY Access via relay - 711



May 18, 2018

Alvin Bochler  
3203 City Heights Rd.  
Ashland, WI 54806

Permit # NO-2018-04-867

Dear Mr. Bochler:

Enclosed you will find your approved Aquatic Plant Management permit for chemical treatment on Buskey Bay in Bayfield 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 47N          Range 8W          Sec. 21,28

**Specific Project Description** (as shown on application form).

1. EWM control on 1 site covering a maximum of 2.0 acre(s).
2. Treatments to be scheduled to avoid inclement weather and winds that would hinder efficacy.
3. All requirements for notification according to NR 107.07 (3) must be satisfied prior to treatment.
4. All riparian residents within 150 feet of a treated areas must be properly notified per NR107.04(4).

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 or by October 1 if no treatment occurs.
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.**

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 Mark Sundeen at the Spooner Service Center at 715/635-4074 for further information.

Sincerely,

A handwritten signature in cursive script that reads "Mark Sundeen".

Mark Sundeen  
Water Resource Specialist  
WDNR  
Spooner, WI

Enc.

Date Mailed May 18-2018



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

Form 3200-004 (R 02/17)

Page 2 of 4

### 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.)

2 acres X \$25 per acre = \$ 50.00

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

Enter Acreage Fee (from above) ..... \$ 50.00  
 Basic Permit Fee (non-refundable) ..... \$ 20.00  
 Total Fee Enclosed ..... \$ 70.00

**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) Eurasian Water Milfoil

### Section V - Chemical Control

Alternatives to Chemical Control:

Alternatives to Chemical Control:	Feasible?	If No, Why Not?
1. Mechanical harvesting	<input type="radio"/> Yes <input checked="" type="radio"/> No	will spread plants
2. Manual removal	<input type="radio"/> Yes <input checked="" type="radio"/> No	hard pulling of small scattered plants
3. Sediment screens/covers	<input type="radio"/> Yes <input checked="" type="radio"/> No	not possible on large beds
4. Dredging	<input type="radio"/> Yes <input checked="" type="radio"/> No	not feasible
5. Lake drawdown	<input type="radio"/> Yes <input checked="" type="radio"/> No	not feasible
6. Nutrient controls in watershed	<input type="radio"/> Yes <input checked="" type="radio"/> No	not feasible
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:

only chemicals can control the small scattered plants hand pulling has been used over the past 10 years plus to help reduce spread but only delayed it.



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

Form 3200-004 (R 02/17)

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Section V - Chemical Control (continued)

Full Trade Name of Proposed Chemical(s)

agmatnike (Diquat + endo thall)

Method of Application: Liquid Drop hoses 3-4 feet below water

Will surface water outflow and/or overflow be controlled to prevent chemical loss?  Yes  No

Surface

Have the proposed chemicals been permitted in a prior year on the proposed site?  All  Some  None

What were the results of the treatment?

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](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: \_\_\_\_\_ 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/](http://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.

Alvin G. Boehler  
Signature of Applicant

4-18-2018  
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

Form 3200-004 (R 02/17)

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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 *has permit*

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.

Alvin Boehler Alvin S Boehler 4-18-2018  
 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 Mark Lundeen  
 Regional Director or Designee

May 18-18 May 18-18  
 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.

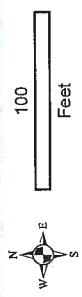
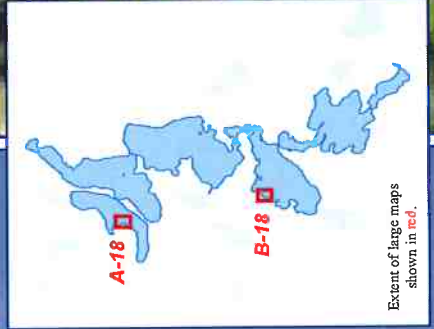
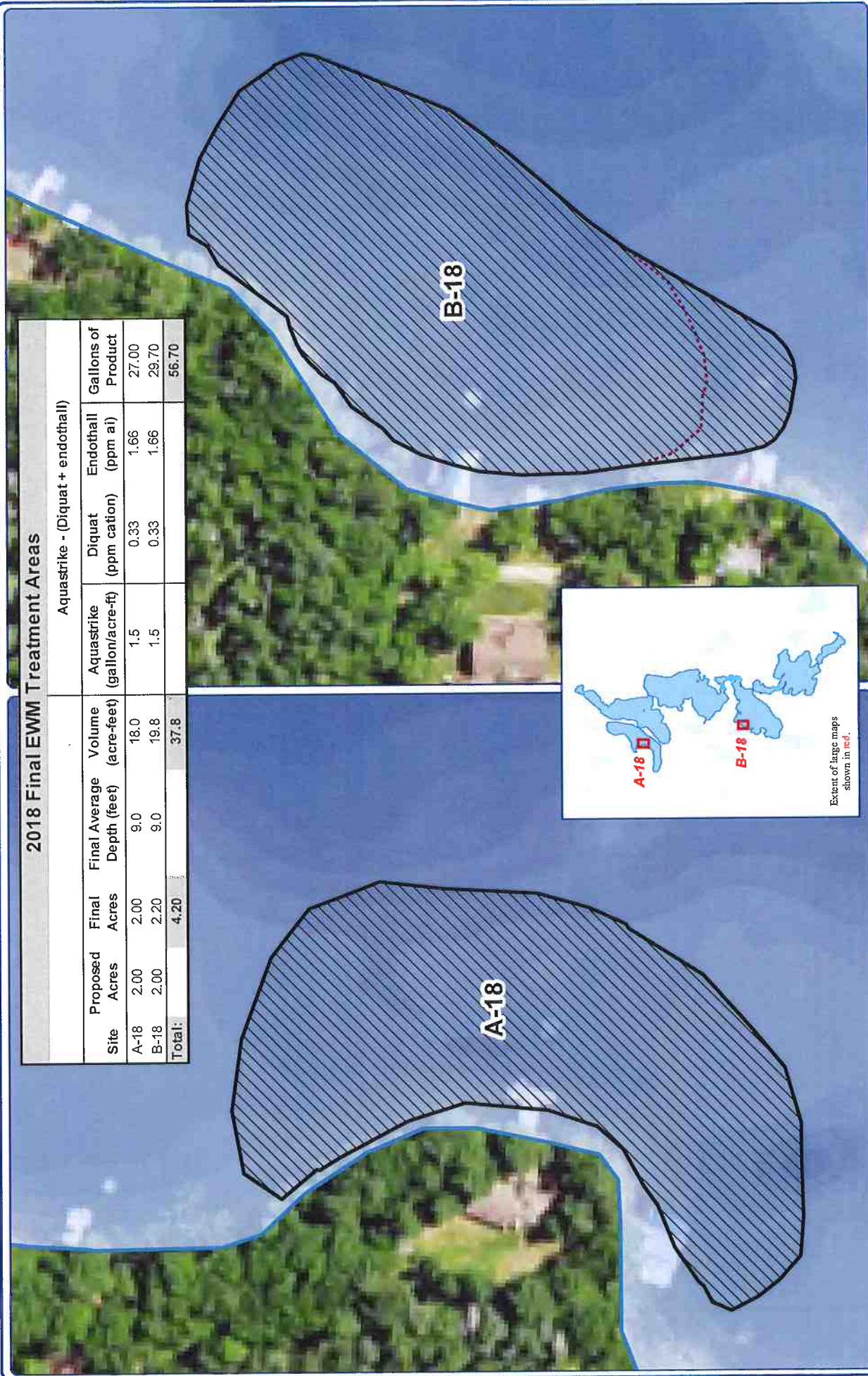
This notice is provided pursuant to s. 227.48(2), Wis. Stats.

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.



### 2018 Final EWM Treatment Areas

Site	Proposed Acres	Final Acres	Final Average Depth (feet)	Volume (acre-feet)	AquaStrike - (Diquat + endoathal)			Gallons of Product
					AquaStrike (gallon/acre-ft)	Diquat (ppm cation)	Endoathal (ppm ai)	
A-18	2.00	2.00	9.0	18.0	0.33	1.66	27.00	
B-18	2.00	2.20	9.0	19.8	0.33	1.66	29.70	
<b>Total:</b>		<b>4.20</b>		<b>37.8</b>			<b>56.70</b>	




**Onterra LLC**  
 Lake Management Planning  
 815 Prosper Road  
 De Pere, WI 54115  
 920.334.8600  
 www.onterra-cc.com

Sources:  
 Roads & Hydro: WDNR  
 Aquatic Plants: Onterra, 2017 & 2018  
 Bathymetry: Onterra, 2016, processed by C-Map USA  
 Map Date: May 25, 2018 J.L.W.  
 Filename: KClm\_7906\_Parm1.mxd



Project Location in Wisconsin

### Legend

-  2018 Proposed Treatment Area
-  2018 Final Treatment Area

Pike Chain of Lakes  
 Buskey Bay &  
 Twin Bear Lake  
 Bayfield County, Wisconsin  
**Final 2018 EWM  
 Treatment Strategy**