NOTE: The complete chemical aquatic plant control application package was submitted to the WDNR online portal on behalf of the District. This is a copy of the information that was submitted.

State of Wisconsin DNR
DNR Department of Natural Resources
Water Permit Central Intake – attn. APM
PO Box 7185
Madison, WI 53707-7185

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: Long Lake of Phelps Lake District
Street Address: P.O. Box 202
City: Phelps | State: WI | ZIP Code: 54554

Waterbody Address

Name: Mark Swislow
Street Address: 1240 Deer Path
City: Phelps | State: WI | ZIP Code: 54554

Phone Number (include area code)
Primary: (847) 612-0649 Secondary:

Email Address: mark.swislow@gmail.com

Section II – Aquatic Plant Control Location

Waterbody to be Treated (waterbody where treatment area is located): Long Lake

Lake Surface Area: 872 acres

Estimated Surface Area that is 10 Feet or Less in Depth: 200 acres

County: Vilas | Section: 32 | Township: 42 N | Range: 12 (E / W)

Latitude: 46.0733000 | Longitude: -89.0146000

- Is there more than one property owner? (Yes / No)
- Will there be uncontrolled surface water discharge? (Yes / No)
- Does the waterbody have public access? (Yes / No)

If all are no: this is a private pond, please use form **3200-155**

Adjacent Riparian Property Owner Names (attach sheets if necessary)

1. see attached(communicating with all riparian property owners)
2.
3.
4.
5.
6.

Name of Lake Property Owners' Association Representative or Lake District Representative (if none, please indicate): Mark Swislow

Name of Applicator or Firm: Clean Lakes Midwest a Clarke Company (Clarke Aquatic Services)

Street or Route: 20061 Edison Circle E

City: Clearwater | State: MN | ZIP Code: 55320

County: | Phone Number (include area code): (715) 891-6798

Email Address: akay@clarke.com

Applicator Certification Number for Category 5 Aquatic Pesticide Application: 315594, 288191, 312329

Business Location License Number (if applicable): 93-018750-012132

Restricted Use Pesticide License Number (if applicable):

Area(s) Proposed for Control:

	Treatment Length		Treatment Width			Estimated Acreage		Average Depth		Calculated Volume	
1.		ft X		ft ÷ 43,560 ft²	=		ac X		ft =		ac-ft
2.		ft X		ft ÷ 43,560 ft²	=		ac X		ft =		ac-ft
3.		ft X		ft ÷ 43,560 ft²	=		ac X		ft =		ac-ft
4.		ft X		ft ÷ 43,560 ft²	=		ac X		ft =		ac-ft
5.		ft X		ft ÷ 43,560 ft²	=		ac X		ft =		ac-ft
6.		ft X		ft ÷ 43,560 ft²	=		ac X		ft =		ac-ft
7.		ft X		ft ÷ 43,560 ft²	=		ac X		ft =		ac-ft
8.		ft X		ft ÷ 43,560 ft²	=		ac X		ft =		ac-ft
9.		ft X		ft ÷ 43,560 ft²	=		ac X		ft =		ac-ft
				Estimated Acreage Grand Total		31	ac		Calculated Volume Grand Total	286.6	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? (Yes / No)

DNR Use: NHI Review? (Yes / No) Describe:

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.)

31 acres X $25 per acre = $ 775

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

Enter Acreage Fee (from above)	$	775.00
Basic Permit Fee (non-refundable)	$	20.00
Total Fee Enclosed	$	795.00

Note: The permit application package was submitted through the WDNR online portal which included an additional $19.88 convenience fee bringing the application total cost to $814.88.

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. [x] 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)
- [x] Submerged water plants (leaves and stems below water surface, flowering parts may be exposed, e.g., milfoil, coontail)
- [ ] Other: _____

List Target Plants

[ ] Algae _____	[ ] Elodea	[ ] Japanese Knotweed	[ ] Reed Canary Grass
[ ] Common/Glossy Buckthorn	[x] Eurasian Watermilfoil	[ ] Naiad	[ ] Reed Manna Grass
[ ] Coontail	[ ] Flowering Rush	[ ] Narrow-Leaf Cattail	[ ] Starry Stonewort
[ ] Curly Leaf Pondweed	[ ] Hybrid Cattail	[ ] Phragmites	[ ] Yellow Floating Heart
[ ] Duckweeds	[ ] Hybrid Watermilfoil	[ ] Purple Loosestrife	[ ] Yellow Iris
[ ] Pondweeds	Other plants:		

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):

[ ] Algimycin PWF	[ ] Clearcast	[ ] Garlon 3A	[ ] Navigate	[ ] Renovate LZR	[ ] Sonar Genesis
[ ] Aqua Star	[ ] Clearigate	[ ] Green Clean	[ ] Navitrol	[ ] Renovate Max G	[ ] Sonar H4C
[ ] Aquaneat	[ ] Clipper	[ ] Habitat	[ ] Navitrol DPF	[ ] Renovate OTF	[ ] Sonar PR
[ ] AquaPro	[ ] Clipper SC	[ ] Harpoon	[ ] Nutrisorb	[ ] Reward	[ ] Sonar Q
[ ] Aquashade	[ ] Current	[ ] Harvester	[ ] Orb-3	[ ] Rodeo	[ ] Sonar RTU
[ ] Aquashadow	[ ] Cutrine-Plus	[ ] Havoc Amine	[ ] Phycomycin SCP	[ ] Roundup Custom	[ ] Sonar SRP
[ ] Aquastrike	[ ] Cutrine-Plus Granular	[ ] Hydrothol 191	[ ] Polaris	[ ] SCI-62	[ ] SonarOne
[ ] Aquathol K	[ ] Cutrine-Ultra	[ ] Hydrothol Granular	[ ] Polaris AC	[ ] Sculpin G	[ ] Stingray
[ ] Aquathol Super K	[ ] DMA 4 IVM	[ ] Komeen	[ ] Pond-Klear	[ ] SeClear	[ ] Symmetry NXG
[ ] Avast! SC	[ ] EarthTec	[ ] Komeen Crystal	[x] ProcellaCOR EC	[ ] SeClear G	[ ] Touchdown Pro
[ ] Captain	[ ] Element 3A	[ ] K-Tea	[ ] Refuge	[ ] Shore-Klear	[ ] Tribune
[ ] Captain XTR	[ ] Flumioxazin 51% WDG	[ ] Milestone	[ ] Renovate 3	[ ] Shredder Amine	[ ] Weedar 64
[ ] Chinook	[ ] Formula F-30	[ ] Nautique	[ ] Renovate LZR	[ ] Sonar AS	[ ] Weedestroy AM-40

Other Proposed Chemical(s):

Method of Application: precision injection system via boat

Section V – Chemical Control (continued)

Alternatives to Chemical Control:	Feasible?	If No, Why Not?
1. Mechanical harvesting	○ Yes ◉ No	Would cause fragmentation and further spread plants
2. Manual removal	○ Yes ◉ No	Area too large and widespread
3. Sediment screens/covers	○ Yes ◉ No	Area too large and would prevent beneficial plant growth
4. Dredging	○ Yes ◉ No	Cost
5. Lake drawdown	○ Yes ◉ No	Not site specific
6. Nutrient controls in watershed	○ Yes ◉ No	Not site specific
7. Other: DASH	○ Yes ◉ No	Area too large (active DASH program in place for other areas)

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/.

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?

N/A
see Onterra's 2019 report attached for additional information and 2020 recommendations

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 Proposed Chemical(s): _____

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 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.

Amy Kay
Signature of Applicant

3/13/2020 (through online WDNR process)
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.

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.
  - ( ) WPDES coverage not needed
- ( ) Yes – complete section VII with signature

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
Amy Kay	Amy Kay	3/13/2020 (through online WDNR process)

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

Advance notification of treatment required? ( ) Yes ( ) No

State of Wisconsin
Department of Natural Resources
For the Secretary

By _____
Regional Director or Designee

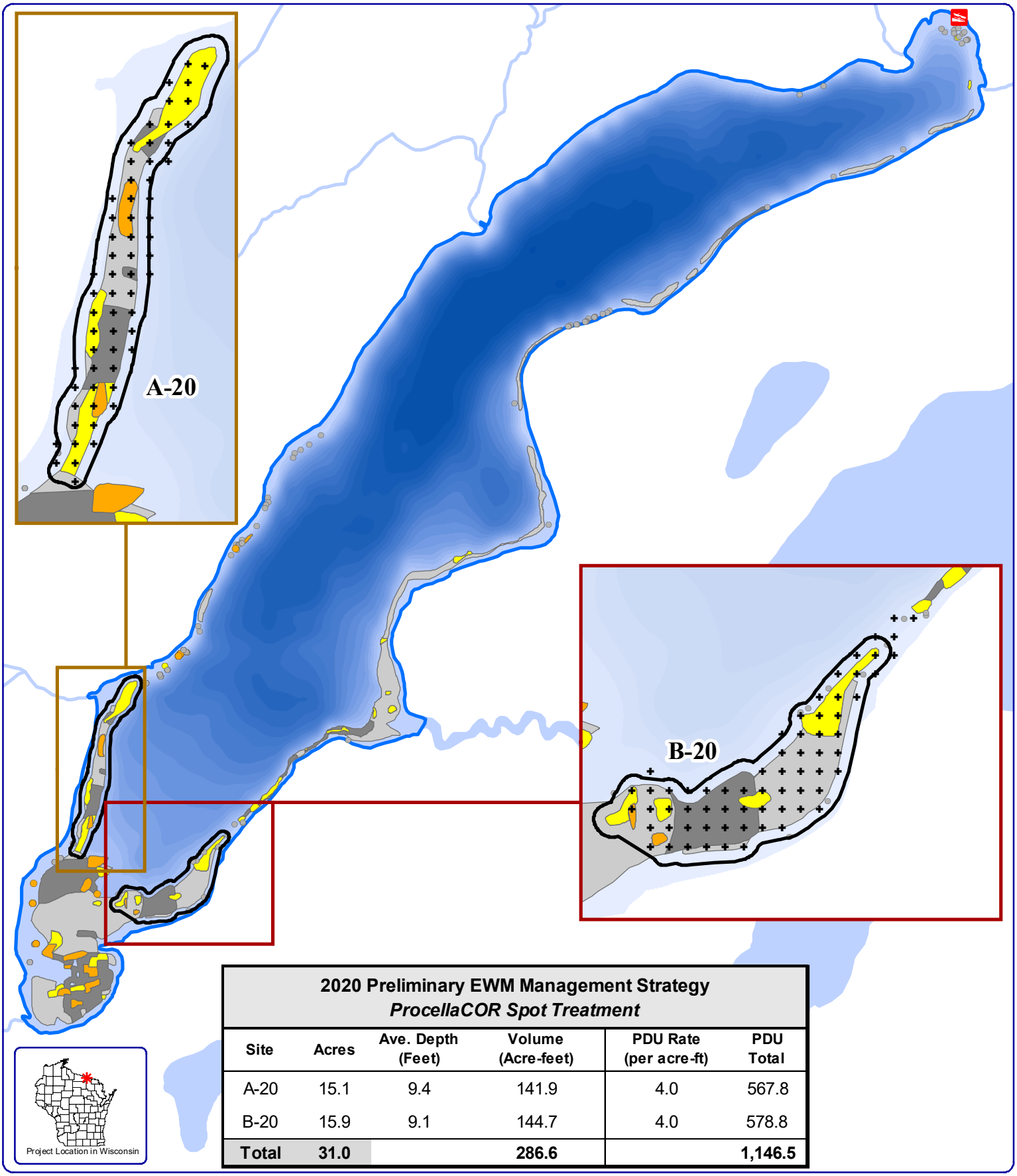
Date Signed _____ Date Mailed _____

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.



2020 Preliminary EWM Management Strategy *ProcellaCOR Spot Treatment*					
Site	**Acres**	**Ave. Depth (Feet)**	**Volume (Acre-feet)**	**PDU Rate (per acre-ft)**	**PDU Total**
A-20	15.1	9.4	141.9	4.0	567.8
B-20	15.9	9.1	144.7	4.0	578.8
Total	**31.0**		**286.6**		**1,146.5**

N
W E
S

1,600
Feet

Onterra LLC
Lake Management Planning
815 Prosper Rd
De Pere, WI 54115
920.338.8860
www.onterra-eco.com

Sources:
Roads & Hydro: WDNR
Bathymetry: Onterra, 2014
Aquatic Plants: Onterra, 2019
Map Date: February 24, 2020

Legend

EWM Mapping Survey Results (September 2019)

- Highly Scattered
- Scattered
- Dominant
- Highly Dominant
- Surface Matting
- Single or Few Plants
- Clumps of Plants
- Small Plant Colony
- Proposed Treatment Area
- Point-Intercept Sub-Sample Location

Map 2
Long Lake
Vilas County, Wisconsin
Preliminary 2020 EWM Mgmt Strategy v2

State of Wisconsin
Department of Natural Resources

WORKSHEET FOR LARGE-SCALE
CHEMICAL AQUATIC PLANT TREATMENT
Form 3200-4A 3-89

NOTE: Completion of this form is required by the Department, pursuant to s. 144.025(2)(i), Wis. Stats., and Chapter NR 107, Wis. Adm. Code, once every five years for proposed treatments that would cover more than 10 acres on one lake, or more than 10 percent of that portion of the lake that is 10 feet or less in depth.

The purpose of this form is to identify the: (1) recreational needs of the property owners and visitors;
(2) value of the proposed treatment area to fish and wildlife;
(3) cause(s) of the excess plant growth problem; and
(4) short and long-term solutions to the problem.

Please furnish a detailed map(s) of the lake and its watershed. Indicate the watershed boundaries on the map. If you do not have a watershed map for the lake you wish to treat, your DNR lake management coordinator can help you locate or prepare one.

SECTION I. BACKGROUND

Name of Applicant: Long Lake of Phelps Lake District

Date Completed: March 9, 2020

Name of Lake: Long Lake

SECTION II. RECREATIONAL USES

Check those uses that apply and complete the information requested:

☐ 1. SWIMMING: Indicate on your lake map the portions of the proposed treatment area that are used for swimming.
What distance from shore is needed to provide adequate swimming space? _____ feet
What is the average depth at this distance? _____ feet

☐ 2. FISHING: Indicate on your lake map any fishing areas that are within the proposed treatment area.

☐ 3. HUNTING: Indicate on your lake map any hunting areas that are within or adjacent to the proposed treatment area.

☐ 4. BOATING/NAVIGATION: Indicate on your lake map where the following boating activities take place within the proposed treatment area:
Sailing ☐ Water skiing ☐ Fishing ☐
Pleasure boating ☐ Jet skiing ☐ Other _____

☐ 5. AESTHETIC: Indicate on your lake map any wildlife or nature observation areas within the proposed treatment area.
Do you object to the aesthetic quality (appearance, odor) of the proposed treatment area? ☐ Yes ☐ No

☒ 6. OTHER: What other activities occur in the proposed treatment area? swimming, fishing, boating and other recreational activities take place lakewide.

SECTION III. FISH AND WILDLIFE VALUE

1. Fisheries: To maintain a quality fishery, a lake must provide good spawning, rearing and feeding habitat. Please indicate on your lake map the location of any quality fisheries habitat. (Contact your local DNR fish manager or your local fishing club for information about your lake's fishery.)

2. Wildlife: Indicate on your lake map any portions of the proposed treatment area or adjacent shoreline that are considered to be good wildlife habitat. (Constact your local DNR wildlife manager or your local wildlife or hunting club for additional information about the wildlife around (and in) your lake.)

3. Which organization(s) or individual(s) did you contact for your information? Ron Bruch

SECTION IV. CAUSES OF THE PROBLEM

What are perceived to be the local or regional causes of the problem? (Check all those that apply.)

☐ A. Agricultural runoff (from barnyards or croplands) that contributes sediment, nutrients and/or bacteria to the lake.

☐ B. Urban runoff (from stormwater) that contributes sediment, nutrients and other pollutants to the lake.

☐ C. Sewage treatment or industrial discharges upstream of the lake.

☐ D. Possible faulty septic systems in the area around the lake.

☐ E. Runoff from fertilized lawns near the lake.

☐ F. Sediments contaminated with nutrients from past pollution activities.

☐ G. Naturally fertile - no known human sources of excessive sediment, nutrients or other pollutants.

☒ H. Other: exotic species introduced to the lake (eurasian watermilfoil)

Please identify on your watershed map the locations of any land use practices that are perceived to be contributing to excess plant growth problems in the lake.

SECTION V. SOLUTIONS

Control of aquatic plant problems can be temporarily accomplished with short-term measures, but no strategy will be successful without long-term planning to address the source of the problem. A sound plant management program should combine both short-term and long-term control strategies.

1. What level of short-term control do you wish to achieve?

   - [x] Remove 100% of the plants in the treatment area.
   - [x] Remove 70-99% of the plants in the treatment area.
   - [ ] Remove less than 70% of the plants in the treatment area.

2. Which plants do you wish to remove in the short-term?

   - [ ] Remove all plant species.
   - [x] Remove specific plant species only. (Name(s) of species: eurasian watermilfoil)

3. How often will it be necessary to:

   A. Chemically treat? 0 times per year for algae; 0 times per year for other plants

   B. Mechanically harvest? 0 times per year

4. What long-term control alternatives have you begun to implement?

   - [x] Developed a lake plant management plan.
   - [ ] Developed a lake protection plan.
   - [x] Formed a Lake District, Lake Association or other organization. (Name: Long Lake of Phelps Lake District)
   - [x] Established a monitoring program for the lake.
   - [ ] Contacted the Soil Conservation Service or Land Conservation Commission to identify land use controls that are needed in the watershed.
   - [ ] Conducted a septic survey with the county sanitarian.
   - [ ] Other: _____

Long-term planning can provide an organized approach to solving the problems that are affecting the water quality of your lake. Your DNR lake management coordinator, county extension agent, or regional planning commission can provide specific technical information and assistance.

SECTION VI. PUBLIC INVOLVEMENT

1. Before you conduct a large-scale chemical aquatic plant treatment, you are required to provide the public with formal notice of the planned treatment (s. NR 107.04(3), Wis. Adm. Code). Please attach evidence (e.g., newspaper clipping) that such notice has been made.

2. You are also required to conduct a public informational meeting on the proposed large-scale treatment if 5 or more individuals, organizations or local or special units of government request such a meeting within 5 days of the notice (s. NR 107.04(3), Wis. Adm. Code).

   Was a public informational meeting required for the proposed treatment? ☐ Yes ☒ No

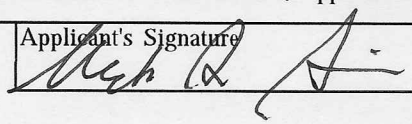
   If yes, please attach evidence that such a meeting was held.

3. These public notice and public meeting provisions apply each year that a treatment is proposed.

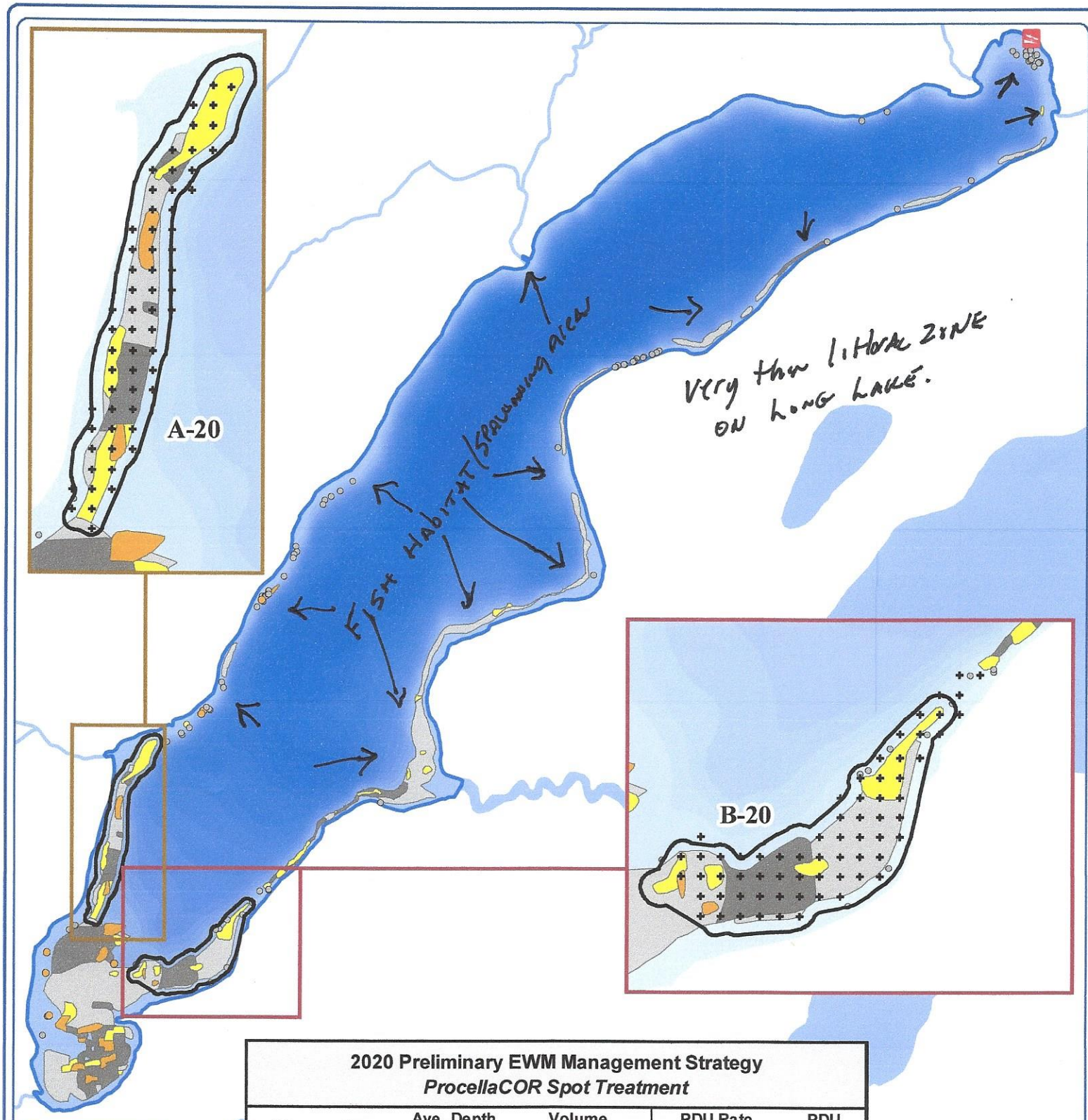
NOTE: This form is to be updated once every 5 years to include new information. Modifications of the proposed treatment within the 5-year period also require re-submittal of this form if the location or target organisms are changed, or if the treatment area is expanded by more than 10 percent.

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 of Form 3200-4, Application for Permit for Chemical Aquatic Plant Control.

Applicant's Signature



Please attach with map(s) to Form 3200-4, Application for Permit for Chemical Aquatic Plant Control.



2020 Preliminary EWM Management Strategy
ProcellaCOR Spot Treatment

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N
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1,600
Feet

Onterra LLC
Lake Management Planning
815 Prosper Rd
De Pere, WI 54115
920.338.8860
www.onterra-eco.com

Sources:
Roads & Hydro: WDNR
Bathymetry: Onterra, 2014
Aquatic Plants: Onterra, 2019
Map Date: February 24, 2020

Legend

EWM Mapping Survey Results (September 2019)

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- Clumps of Plants
- Small Plant Colony
- Proposed Treatment Area
- Point-Intercept Sub-Sample Location

Map 2
Long Lake
Vilas County, Wisconsin
Preliminary 2020 EWM Mgmt Strategy v2

chicken salad available.

will meet Thursday, March 12, at 10:30 a.m. to discuss

Patrons are welcome to the library Thursday after-

O' Lakes or visit landolakeslibrary.org.

SHARON GIFFORD
(715) 617-0308

PHELPS

gifford.se3@gmail.com

2462 ST. LOUIS RD.,
PHELPS, WI 54554

Golden Years Café

Northern Exposure Restaurant

Sponsored by ADRC of Vilas County

Meals for seniors (60+) are served at noon. Suggested donation is $5. Make reservations 24 hours in advance to Judi Heikkinen at (715) 545-3697 between 9 a.m. and 4 p.m. Home-delivered meals available, based on eligibility.

MON., MARCH 9
Open-face turkey sandwich w/mashed potatoes & gravy
Carrots
Fruit

TUES., MARCH 10
Baked chicken
Baked french fries
Baked beans
Garlic bread
Fruit

WED., MARCH 11
Salisbury steak
Mashed potatoes with gravy
Mixed vegetables
Fruit

FRI., MARCH 13
Broiled fish
Baked french fries
Three bean salad
Fruit

All meals are served with whole-grain rolls, bread with margarine and fat-free milk. A lighter substitute of a healthy salad is available.

LITTLE INVENTORS — The Phelps third grade just completed their social studies unit on "A Growing Nation" and how life has changed throughout history under the direction of Pam Klessig. Learning about Thomas Edison and many other inventors, the students became inventors themselves. They were given a list of criteria and worked with family members using problem solving and critical thinking skills. The students celebrated their achievements by inviting their families to a special presentation. Afterwards all enjoyed a piece of the Thomas Edison birthday cake. Displaying their inventions are, front row from left, Emmalyn Jones, Serenity-Jo Robbins, Payton Kanitz and Autumn Stevens; and back row, Charles Duquaine, Ryker Hafer, Kisarra Stevens, Talon Carlson, Cody Andersen, Isabella Marohl, Aryha Kimmons and Mason Butson. Missing from the picture is Haiden Caldierraro.
—Photo By Sharon Gifford

PUBLIC NOTICE

Approximately mid-May 2020, up to 31 acres of Eurasian Watermilfoil on Long Lake, Vilas County, will be treated with a liquid formulation of aquatic herbicide ProcellaCOR EC. Water use restrictions will be posted at the public boat landing the day of treatment. Riparian property owners within 150 feet of the treatment sites will receive a copy of the WDNR chemical application permit prior to the date of treatment. Requests for a public information meeting regarding this proposed treatment must be sent in writing to the Long Lake of Phelps Lake District, P.O. Box 202, Phelps, WI 54554, within five days after the public notice is made. For additional information, contact Mark Swizlow of the Long Lake of Phelps Lake District at 847-612-0649.

WNAXLP

8981

Position Requests for Advertisements

The News-Review/North Woods Trader cannot guarantee special position requests; however, we will make an effort to meet special placement requests. We will not charge extra for this service, but on the other hand, we are not responsible financially for not honoring a special request.

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100 D EAST SUTTON PL
WAUKESHA WI 53188

JAMES R BERG TRUST
1962 ROBINS RUN RD
HARTFORD WI 53027

DONALD C BIERMAN TRUST
BONNIE M BIERMAN
N56 W30786 HWY K
HARTLAND WI 53079

BRENHOLT INVESTMENTS LLC
2420 BEACH BLVD
JACKSONVILLE BEACH FL 32250

CARLSON TRUST
202 NOBLE CIR
VERNON HILLS IL 60061

JOAN M CARTER TRUST
123 INVERNESS CIR
OREGON WI 53575

PETER P COLOSIMO
JODI L COLOSIMO
3708 W TREMONT CT
MEQUON WI 53092

CATHRIN R CRAMPTON
CHRISTIN L CRAMPTON ET AL
%BONNIE BURMAN CRAMPTON
804 GROVE ST
PETOSKEY MI 49770

DAVIS WIS CORP
%JAMES DAVIS
2220 PIONEER ST
EVANSTON IL 60201

JAMES M ANHOLZER TRUST
ANN M ANHOLZER
W3324 EQUESTRIAN TRL
APPLETON WI 54913

JEFFREY M BALEK
SUSAN L BALEK
5510 LINCOLN AVE
UNIT 510
MORTON GROVE IL 60053-3443

JOSEPH E BERKEN
KARLA J BERKEN
73 BELLEVUE PL
APPLETON WI 54915

ROBERT N BINDER
LINDA BINDER
4710 NEY A TI CT
WEST BEND WI 53095

JEFFREY R BROWN
LISA L BROWN
4402 TROSTSHIRE CIR
CHAMPAIGN IL 61882

ROBERT D CARPENTER JR
KATHLEEN L CARPENTER
837 BURNS AVE
FLOSSMOOR IL 60422-1105

MARK A CHALLINOR
ELIZABETH A CHALLINOR
1637 SPENCER AVE
WILMETTE IL 60091

RICHARD CORCORAN JR
2636 N2950 RD
MARSEILLES IL 61341

KEITH D DAUN
SUSAN M DAUN
179 HARMSEN LN
WAUPUN WI 53963

MARIANNE HORAN DAWSON
RONALD J JENSEN ET AL
4959 N KEDVALE AVE
CHICAGO IL 60630

MARK F BACKHAUS
5680 COLLEEN LN
WEST BEND WI 53095

TIMOTHY E BAUMGARDT TRUST
KAREN M BAUMGARDT TRT
1920 20TH AVE
ROCKFORD IL 61104

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LYNN BEVERSDORF
1360 BEAR TAIL PT
PHELPS WI 54554

FAYE M BINDER LE
MARY K PAVLOV RM ET AL
N20W26786 SAWGRASS LN
PEWAUKEE WI 53072

BURNHAM FAMILY LP
203 HILLCREST AVE
DAVENPORT IA 52803

JOAN M CARTER
123 INVERNESS CIR
OREGON WI 53575

JAMES J CHECOLINSKI
BARBARA A CHECOLINSKI
93 W WATER ST
BEAVER DAM WI 53916

BONNIE L CRAMPTON
REITA H BURMAN ET AL
804 GROVE ST
PETOSKEY MI 49770

JOHN W DAVIS LE
MARY A DAVIS LE ET AL
5700 ELLIS RD
YPSILANTI MI 48197

JACQUELINE D DI MARCO TRUST
659 RIFORD RD
GLEN ELLYN IL 60137

THOMAS J DIEDRICH
SHERRIE K DIEDRICH ET AL
3602 COUNTY RD C
PULASKI WI 54162

MICHAEL A DOCTA
CHERYL L DOCTA
W5138 KENNEDY DR
FOND DU LAC WI 54935

GEORGE DODGE
CHERYL E DODGE ET AL
9863 JEDLICKA CT
EDEN PRAIRIE MN 55347

DALE W ENGBERG
JANET ENGBERG
1695 SCHOLZ LN
PHELPS WI 54554

ROBERT ENGELKING
ANN C ENGELKING
16 S CLAY
HINSDALE IL 60521

MARIE D FARNSLEY TRUST B
MARIE D FARNSLEY TRUST D
%COMMONWEALTH BANK & TRT
4350 BROWNSBORO RDSTE210
LOUISVILLE KY 40207

KENNETH B FENNEY
KAREN L FENNEY
515 WILDWOOD RIDGE
COLGATE WI 53017

SONIA H FONDRIE
JEANNE M FONDRIE ET AL
W2596 GAVERS CT
EAST TROY WI 53120

ANN-PERRY K FRANKENTHAL TRUST
4832 SAINT MARGARETS WAY
VERO BEACH FL 32967-7457

C ANTHONY FRANKENTHAL TSTEES
%GEOFFREY L FRANENTHAL
216 PEMBROKE RD
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LESTER E FRANKENTHAL III TRSTEE
%LESTER FRANKENTHAL III
2460 DUNDEE RD #1535
NORTHBROOK IL 60065

FRANKENTHAL SISTERS TRUST
%LESTER FRANKENTHAL III
2460 DUNDEE RD #1535
NORTHBROOK IL 60062

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SHELLEY S BRENHOLT ET AL
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SUN PRAIRIE WI 53590

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2415 THORNWOOD AVE
WILMETTE IL 60091

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CHERYL FROHBERG
3803 S BRUST AVE
MILWAUKEE WI 53207

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SUSAN SHRADER ET AL
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KATHLEEN A GAGNOW
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FREEDOM WI 54130

ANTHONY G GARGULAK
PATRICIA J GARGULAK
13070 WEATHERSTONE BLVD
NEW BERLIN WI 53151

NEIL T GNEISER
4175 WINDING TRAIL LN
PHELPS WI 54554

WILLIAM D GOODRICH TRUST
1440 SHERIDAN RD
APT 106
WILMETTE IL 60091

LEWIS J GORIN TRUST
FIRST BANKERS TRUST TSTE
135 W MUHAMMAD ALI STE A
LOUISVILLE KY 40202

MARK A GRIFFIN
MARY E GRIFFIN
104 WOODSIDE CT
NEENAH WI 54956

PHILIP GRUBER TRUST
MARITA GRUBER TRT ET AL
4452 N FARWELL AVE
SHOREWOOD WI 53211

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CATHERINE HAACKER
1137 TIMMER LN
MT PLEASANT WI 53406

DOUGLAS J HENKE
VIRGINIA L HENKE
317 W 17TH AVE
OSHKOSH WI 54902

RANDALL S HERCHE
MARVIN C HERCHE
N56W35267 APPLE TREE CT
OCONOMOWOC WI 53066

HESED LLC
N750 PRAIRIE VIEW RD
WALWORTH WI 53184

ROBERT R HETZEL
309 LAUREL LN
SOUTH MILWAUKEE WI 53172

MICHAEL A HOSMAN TRUST
MARY JO HOSMAN
9606 S HOYNE AVE
CHICAGO IL 60643

HOW DA PEEN LLC
2700 W VANBUREN ST
BELLWOOD IL 60104-2409

RICHARD R JACKLIN
LORI A MATASEK
N59 W24235 BLACKHAWK CT
SUSSEX WI 53089

BERNADETTE M JAHNS TRUST
1602 FERNWOOD DR
PHELPS WI 54554

ROBERT G JAMES
JOANN M JAMES ET AL
5039 KEY LARGO DR
PUNTA GORDA FL 33950

CURTIS J JOHNSON
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4712 CINNAMON LN
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HARRY F JOHNSON TRUST
%VIRGINIA EAMES
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RAY W JUNG TRUST
LOIS K JUNG TRT ET AL
W62N610 WASHINGTON AVE
CEDARBURG WI 53012

BRIAN KEANE
KEVIN KEANE ET AL
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ITASCA IL 60143

NEIL KELLEY
CAROL KELLEY
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ERIC KESSENICH
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N8616 WINDING TRAIL DR
MENASHA WI 54952

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LONG LAKE LODGE LLC
%KESSENICH
1149 BANTA CT
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LONG SHORES PARTNERSHIP
%TIM & BARBARA KUHN
4955 W WOODS CREEK LN
APPLETON WI 54944

LOST LOON LODGE LLC
%JOHN J FERGUSON
12608 TOWN & COUNTRY EST
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KATHERINE MACA MANGAN TRUST
MARJORIE MACA SURPLESS TRT ET A
%SALLY MACA
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LARCHMONT NY 10538

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DEBRA L MCCASLIN
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PATRICIA SLACK
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JUDITH L RAYMOND
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MARIA VALDES ROSPLOCH
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MARK R SCHICK TRUST
PATRICIA A SCHICK
1141 PLEASANT VALLEY DR
HOBART WI 54155

RUDOLPH V SCHOENECKER TRUST
BARBARA B SCHOENECKER
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PHELPS WI 54554

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PHELPS WI 54554

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ERIC E TIMM
KATHRYN M TIMM
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GREGORY R WHITESIDE
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CATHERINE M WIESE
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DAVID S WILLIAMS
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STUART D WILSON TRUST
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ELM GROVE WI 53122

ABBOTT W WRIGHT TRUST
1031 DAIRY LN
INVERNESS IL 60067

1410 BEAR TAIL TRUST
941 WALDEN LN
LAKE FOREST IL 60045

TOWN OF PHELPS

LONG LAKE DISTRICT

LABEL COUNT 135

March 2020

TO: Long Lake of Phelps Lake District Landowners

FROM: Long Lake of Phelps Lake District
Board of Commissioners

RE: 2020 Proposed Aquatic Invasive Species Control Project

Dear Long Lake Landowner:

The Long Lake of Phelps Lake District (the District) has submitted a permit application to the Wisconsin Department of Natural Resources (WDNR) proposing a chemical treatment plan of Eurasian Water Milfoil (EWM) on Long Lake in 2020. This spring, (approximately **mid to late May 2020),** up to 31 acres of EWM on Long Lake will be targeted with the aquatic herbicide ProcellaCOR EC. This proposed treatment supports our approved Aquatic Plant Management Plan for Long Lake.

There are no water use restrictions associated with the proposed treatment, this will be noted during the day of treatment by yellow signs posted at the boat landing and along the shoreline of the treatment areas.

For additional information including a copy of the complete permit application package, please visit our website at www.longlakeofphelps.com.

If you do not have access to the internet, the District will provide you with a hard copy by request. See contact information below.

Contact: Mark Swislow
(847) 612-0649
mark.swislow@gmail.com
Long Lake of Phelps Lake District
PO Box 202
Phelps, WI 54554

Wisconsin Department of Natural Resources

July 2018
EGAD #: 3200-2018-83

Florpyrauxifen-benzyl Chemical Fact Sheet

Formulations

Florpyrauxifen-benzyl was registered with the EPA for aquatic use in 2017. The active ingredient is 2-pyridinecarboxylic acid, 4-amino-3-chloro-6-(4-chloro-2-fluoro-3-methoxyphenyl)-5-fluoro-, phenyl methyl ester. The current Wisconsin-registered formulation is a liquid (ProcellaCOR™ EC) solely manufactured by SePRO Corporation.

Aquatic Use and Considerations

Florpyrauxifen-benzyl is a systemic herbicide that is taken up by aquatic plants. The herbicide is a member of a new class of synthetic auxins, the arylpicolinates, that differ in binding affinity compared to other currently registered synthetic auxins. The herbicide mimics the plant growth hormone auxin that causes excessive elongation of plant cells that ultimately kills the plant. Susceptible plants will show a mixture of atypical growth (larger, twisted leaves, stem elongation) and fragility of leaf and shoot tissue. Initial symptoms will be displayed within hours to a few days after treatment with plant death and decomposition occurring over 2 – 3 weeks. Florpyrauxifen-benzyl should be applied to plants that are actively growing; mature plants may require a higher concentration of herbicide and a longer contact time compared to smaller, less established plants.

Florpyrauxifen-benzyl has relatively short contact exposure time (CET) requirements (12 – 24 hours typically). The short required CET may be advantageous for localized treatments of submersed aquatic plants, however, the target species efficacy compared to the size of the treatment area is not yet known.

In Wisconsin, florpyrauxifen-benzyl may be used to treat the invasive Eurasian watermilfoil (*Myriophyllum spicatum*) and hybrid Eurasian watermilfoil (*M. spicatum* X *M. sibiricum*). Other invasive species such as floating hearts (*Nymphoides* spp.) are also susceptible. In other parts of the country, it is used as a selective, systemic mode of action for spot and partial treatment of the invasive plant hydrilla (*Hydrilla verticillata*). Desirable native species that may also be negatively affected include waterlily species (*Nymphaea* spp. and *Nuphar* spp.), pickerelweed (*Pontederia cordata*), and arrowhead (*Sagittaria* spp.).

It is important to note that repeated use of herbicides with the same mode of action can lead to herbicide-resistant plants, even in aquatic plants. Certain hybrid Eurasian watermilfoil genotypes have been documented to have reduced sensitivity to aquatic herbicides. In order to reduce the risk of developing resistant genotypes, avoid using the same type of herbicides year after year, and utilize effective, integrated pest management strategies as part of any long-term control program.

Post-Treatment Water Use Restrictions

There are no restrictions on swimming, eating fish from treated waterbodies, or using water for drinking water. There is no restriction on irrigation of turf. Before treated water can be used for non-agricultural irrigation besides turf (such as shoreline property use including irrigation of residential landscape plants and homeowner gardens, golf course irrigation, and non-residential property irrigation around business or industrial properties), follow precautionary waiting periods based on rate and scale of application, or monitor herbicide concentrations until below 2 ppb. For agricultural crop irrigation, use analytical monitoring to confirm dissipation before irrigating. The latest approved herbicide product label should be referenced relative to irrigation requirements.

Herbicide Degradation, Persistence and Trace Contaminants

Florpyrauxifen-benzyl is broken down quickly in the water by light (i.e., photolysis) and is also subject to microbial breakdown and hydrolysis. It has a half-life (the time it takes for half of the active ingredient to degrade) ranging from 1 – 6 days. Shallow clear-water lakes will lead to faster degradation than turbid, shaded, or deep lakes.

Florpyrauxifen-benzyl breaks down into five major degradation products. These materials are generally more persistent in water than the active herbicide (up to 3 week half-lives) but four of these are minor metabolites detected at less than 5% of applied active ingredient. EPA concluded no hazard concern for metabolites and/or degradates of florpyrauxifen-benzyl that may be found in drinking water, plants, and livestock.

Florpyrauxifen-benzyl binds tightly with surface sediments, so leaching into groundwater is unlikely. Degradation products are more mobile, but aquatic field dissipation studies showed minimal detection of these products in surface sediments.

Impacts on Fish and Other Aquatic Organisms

Toxicity tests conducted with rainbow trout, fathead minnow, water fleas (*Daphnia* sp.), amphipods (*Gammarus* sp.), and snails (*Lymnaea* sp.) indicate that florpyrauxifen-benzyl is not toxic for these species. EPA concluded florpyrauxifen-benzyl has no risk concerns for non-target wildlife and is considered "practically non-toxic" to bees, birds, reptiles, amphibians, and mammals.

Florpyrauxifen-benzyl does not bioaccumulate in fish or freshwater clams due to rapid metabolism and chemical depuration.

Human Health

EPA has identified no risks of concern to human health since no adverse acute or chronic effects, including a lack of carcinogenicity or mutagenicity, were observed in the submitted toxicological studies for florpyrauxifen-benzyl regardless of the route of exposure. EPA concluded with reasonable certainty that drinking water exposures to florpyrauxifen-benzyl do not pose a significant human health risk.

For Additional Information

Environmental Protection Agency Office of Pesticide Programs
www.epa.gov/pesticides

Wisconsin Department of Agriculture, Trade, and Consumer Protection
http://datcp.wi.gov/Plants/Pesticides/

Wisconsin Department of Natural Resources
608-266-2621
http://dnr.wi.gov/lakes/plants/

National Pesticide Information Center
1-800-858-7378
http://npic.orst.edu/

Washington State Department of Ecology. 2017.
https://fortress.wa.gov/ecy/publications/documents/1710020.pdf