

Site or Project Name:	Deer Lake CLP Control 2021	
	<small>The permit application will be saved automatically with this name</small>	
Activity:	Chemical Control Application	▼
Eligibility:	Is there more than one property owner?	<input checked="" type="radio"/> Yes <input type="radio"/> No
<small>(All questions must be no for it to be considered a private pond.)</small>	Will there be uncontrolled surface water discharge?	<input checked="" type="radio"/> Yes <input type="radio"/> No
	Does the water body have public access?	<input checked="" type="radio"/> Yes <input type="radio"/> No

Applicant Information

Organization	Deer Lake Improvement Association
Last Name:	Leedy
First Name:	Joan
Mailing Address:	1332 Hungerford Point Road
City:	St. Croix Falls
State:	Wisconsin ▼
Zip Code:	54024
Email:	joan@dyneusa.com
Phone Number: <small>(xxx-xxx-xxxx)</small>	651-230-1177
Alternative Phone Number: <small>(xxx-xxx-xxxx)</small>	

Waterbody Address

Last Name:	Corcoran
First Name:	Sandy
Street Address:	1364 Northpoint Road
City:	St. Croix Falls
State:	Wisconsin ▼
Zip Code:	54024
Email:	corcorans1@comcast.net
Phone Number: <small>(xxx-xxx-xxxx)</small>	
Alternative Phone Number: <small>(xxx-xxx-xxxx)</small>	

Applicator

Name of Applicator Firm: Northern Aquatic Services

Applicator Certification #: 061742

Business Location License #:

Restricted Use Pesticide #:

Address: 1061 240th Street

City: Dresser

State: Wisconsin

Zip: 54009

Email: ddressel@centurytel.net

Phone Number: 715-495-5252
(xxx-xxx-xxxx)

Site Information - Complete

Water Body to be Treated

Waterbody Property Owners Association or Waterbody District Representative: Deer Lake Improvemen... None

Water Body Name: Deer Lake

County: Polk

Latitude: 45.4084

Longitude: -92.5493

Section: 25

Township: 35

Range: 18

Direction: E W

Waterbody Surface Area: 812 acres

Estimated Surface area that is 10ft or less: 275 acres

Proposed Treatment Area

Area(s) Proposed for Control:

Treatment Length	Treatment Width	Estimated Acreage	Average Depth	Calculated Volume
0 ft.	x 0 ft.	+ 43,560 ft ² = 2.40 ac	3.5 ft =	8.40 ac-ft
0 ft.	x 0 ft.	+ 43,560 ft ² = 1.33 ac	5.5 ft =	7.32 ac-ft
0 ft.	x 0 ft.	+ 43,560 ft ² = 1.47 ac	6.7 ft =	9.85 ac-ft
0 ft.	x 0 ft.	+ 43,560 ft ² = 2.51 ac	6.7 ft =	16.82 ac-ft
0 ft.	x 0 ft.	+ 43,560 ft ² = 1.32 ac	8 ft =	10.56 ac-ft
<input checked="" type="checkbox"/> Insert item		Estimated Acreage Grand Total	Calculated Volume Grand Total	
		9.03 ac	52.94 ac-ft	

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 type="checkbox"/> Algae | <input type="checkbox"/> Flowering Rush | <input type="checkbox"/> Purple Loosestrife |
| <input type="checkbox"/> Common/Glossy Buckthorn | <input type="checkbox"/> Hybrid Cattail | <input type="checkbox"/> Reed Canary Grass |
| <input type="checkbox"/> Coontail | <input 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 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 type="checkbox"/> Eurasian Watermilfoil | <input type="checkbox"/> Phragmites | <input type="checkbox"/> Pondweed |

Chemical Control

Full Trade Name of Proposed Chemical(s)

Select Chemical Name: Aquathol K Aquatic Herbicide

Add Herbicide

Other (not listed above) Other:

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

All Some None

Method of Application: Injection

What were the results of the treatment?

effective seasonal control, decrease in sediment turions

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	<input type="radio"/> Yes <input checked="" type="radio"/> No	too small of an area
2. Manual removal	<input type="radio"/> Yes <input checked="" type="radio"/> No	to large of an area
3. Sediment screens/covers	<input type="radio"/> Yes <input checked="" type="radio"/> No	too large of an area
4. Dredging	<input type="radio"/> Yes <input checked="" type="radio"/> No	not feasible
5. Waterbody drawdown	<input type="radio"/> Yes <input checked="" type="radio"/> No	not feasible
6. Nutrient controls in watershed	<input checked="" type="radio"/> Yes <input type="radio"/> No	extensive watershed nutrient controls implemented
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.

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

Deer Lake 2021 CLP Treatment

The maps and table below illustrate potential 2021 Deer Lake CLP treatment beds. Permit application and bids are to be based on these treatment areas. Note that the pretreatment survey may indicate that treatment is not needed in some of the beds, and bed boundaries may change following the pretreatment survey.



Deer Lake 2021 Treatment Beds (acres recommended for treatment in 2020)

Deer Lake CLP BEDS 2021				
	Area (acres)	Mean Depth	Acre-Feet	Application Rate(ppm)
Bed A	2.4	3.5	8.4	2.0
Bed B	1.33	5.5	7.3	2.0
Bed C	1.47	6.7	9.8	2.0
Bed D	NOT	TREATED	2020	
Bed E	2.51	6.7	16.8	2.0
Total	6.24		42.3	

Final bed GPS coordinates to be provided by CLP Monitor, Ecological Integrity Services.