



State of Wisconsin DNR Department of Natural Resources Water Permit Central Intake – attn. APM PO Box 7185 Madison, WI 53707-7185	Chemical Aquatic Plant Control Permit
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**Permit Number:** NE-2022-24-13923  
**Permit Expiration Date:** October 1, 2022  
**Waterbody Name:** Little Green Lake

**Waterbody # (WBIC):** 162500  
**Fee Received:** 545  
**Waterbody Address:** W2131 Melmar Drive

**Applicant Name:** Jim Clark  
**PO Box 212**  
**Markesan, WI 53946**  
**Email:**  
**Phone:**

**Applicator Name:** Clarke Aquatic Services  
**159 North Garden Avenue**  
**Roselle, IL 60172**  
**Email:** [akay@clarke.com](mailto:akay@clarke.com)  
**Phone:** 630-671-3184

*Advanced Notification of Treatment is required*

The Department has received and reviewed your application to chemically treat up to 21.0 acres of aquatic plants in Little Green Lake in Green Lake County. Aspects of this permit may not be changed. Please go to this web address: <https://permits.dnr.wi.gov/water/SitePages/Permit%20Search.aspx> to search for and download the permit documents. Your permit application meets the minimum requirements by law and a permit is being issued with the following conditions.

- It is the responsibility of the applicant to follow the treatment plan outlined in the permit application and permit conditions. The treatment notification protocols, treatment plan, and reporting protocols shall be performed in compliance with Wisconsin Administrative Code Chapter NR 107. Noncompliance with the permit can result in enforcement actions under Wis. Stat. ss. 23.24(6) and 281.98 and restriction of aquatic plant management activities for subsequent years under Wis. Adm. Code Ch. NR 107. The conditions and treatment plan are required to be followed to ensure efficacy of the treatment.
- You shall notify Christopher Kolasinski of the Department of Natural Resources at 920-252-5053 or [Christopher.kolasinski@wisconsin.gov](mailto:Christopher.kolasinski@wisconsin.gov), at least 4 business days before treatment with the date and time of proposed treatment.
- You shall conduct treatment prior to the formation of turions.
- The Department may stop or limit the application of chemicals to a body of water if at any time it determines that the treatment will be ineffective, or will result in unreasonable restrictions on current water uses, or will produce unnecessary adverse side effects on nontarget organisms.

- You shall have a paper or electronic copy of this cover letter and permit with the individual conducting the treatment.
- You shall submit the Aquatic Plant Management Treatment record on the most updated form supplied by the Department 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.

If you have any questions or concerns, I can be reached at 920-252-5053 or by email at [Christopher.Kolasinski@wisconsin.gov](mailto:Christopher.Kolasinski@wisconsin.gov)

State of Wisconsin Department of Natural Resources for the Secretary

By: Kolasinski, Chris	5/10/2022	5/10/2022
Water Resources Biologist	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.

**Notice:**

- You shall decontaminate all project equipment used in the waterbody to minimize transport of aquatic invasive species (AIS) immediately after each use on the project site. You shall utilize best management practices: <https://dnr.wi.gov/topic/Invasives/disinfection.html> You shall comply with all provisions in State Stat. s. 30.07 and Wis. Adm Code s. NR 40.07 and Manual code 9183.1 For further information, please refer to the following: <https://dnr.wi.gov/topic/invasives/classification.html>.
- The approval of an aquatic plant management permit does not represent an endorsement of the permitted activity but represents that the applicant has complied with all criteria of this chapter.

# Aquatic Plant Management

NOTE: Missing or incomplete fields are highlighted at the bottom of each page. You may save, close and return to your draft permit as often as necessary to complete your application. If there are no updates in 90 days, your draft is deleted

This Application has been Signed and Submitted by: i:0#.f|wamsmembership|amykay82 signed on 2022-04-25T09:18:32

Site or Project Name:

Little Green Lake

The permit application will be saved automatically with this name

Activity:

Chemical Control Application

Eligibility:

(All questions must be no for it to be considered a private pond.)

Is there more than one property owner?

Yes  No

Will there be uncontrolled surface water discharge?

Yes  No

Does the water body have public access?

Yes  No

## Enter previous years permit information below to import Contact Information (Optional)

### 3200-004 Chemical Aquatic Control Application

NOTE: To be considered a private pond, a waterbody must meet all of the following requirements:

1. Confined to one property owner.
2. The pond has no uncontrolled surface water discharge.
3. No public access.

Upon submittal of your permit application, a **non-refundable \$20 permit processing fee will be charged**. Additional acreage fees will be refunded if the permit request is denied or if no treatment occurs.

### 3200-004 Chemical Aquatic Plant Control Application

- Annually complete all pages on Form 3200-004 for chemical plant management applications. Complete form 3200-004a for large scale treatments(exceeds 10.0 acres in size or 10% of the area of the water body that is 10 feet or less in depth) as required by NR107.04(3).
  - Form 3200-004 is completed electronically through this system.
  - Form 3200-004a must be completed outside the system and uploaded to the attachments section. Please refer to this link for a copy of this form: <http://dnr.wi.gov/files/pdf/forms/3200/3200-004A.pdf>
- Attach a map that shows the treatment location(s), treatment dimensions and riparian landowners. If requesting WPDES coverage, attach a water body map that shows surface outflow and receiving waters.
- For a large-scale treatment, attach evidence that a public notice has been published in a regional / local newspaper and if required that a public informational meeting has been conducted as defined in NR107.04(3).
- Pay fee online.
- Sign and Submit form.
- A signed permit application certifies to the Department that a copy of the application has been provided to any affected property owner's association/district and to landowners adjacent to treatment area.

## Contact Information

### Applicant Information

**Organization** Little Green Lake Protection and Rehabilitation District

**Last Name:** Clark

**First Name:** Jim

**Mailing Address:** PO Box 212

**City:** Markesan

**State:** WI

**Zip Code:** 53946

**Email:**

**Phone Number:**  
(xxx-xxx-xxxx)

**Alternative Phone Number:**  
(xxx-xxx-xxxx)

### Waterbody Address

**Last Name:**

**First Name:**

**Street Address:** W2131 Melmar Drive

**City:** Markesan

**State:** WI

**Zip Code:** 53946

**Email:**

**Phone Number:**  
(xxx-xxx-xxxx)

**Alternative Phone Number:**  
(xxx-xxx-xxxx)

### Applicator

**Name of Applicator Firm:** Clarke Aquatic Services

**Applicator Certification #:** 288191, 312329, 324265, 208944, 484159, 469529

**Business Location License #:** 93-018750-006350

**Restricted Use Pesticide #:**

**Address:** 159 North Garden Avenue

**City:** Roselle

**State:** IL

**Zip:** 60172

**Email:** akay@clarke.com, jstoltzner@clarke.com, srodriguez@cla...

Phone Number:   
 (xxx-xxx-xxxx)

### Adjacent Riparian Property Owners or Other Individuals Sponsoring Removal

Individuals and organizations (e.g. Lake District, Lake Association, Property Owners Association, County Department of Recreation), sponsoring removal.

**NOTE: Phone and email address are optional fields. This information will be publicly viewable if provided on this application.**

Uploaded riparian owners to attachment tab

Name	Address	Phone	Email Address
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

### Site Information - Complete

#### Water Body to be Treated

Waterbody Property Owners Association or Waterbody District Representative :   
 None

Water Body Name:

County:

Latitude:

Longitude:

Section:

Township:

Range:

Direction:  E  W

Waterbody Surface Area:  acres

Estimated Surface area that is 10ft or less:  acres

#### Proposed Treatment Area

Area(s) Proposed for Control:

Site Name (Optional)	Treatment Length	Treatment Width	Estimated Acreage	Average Depth	Calculated Volume
<input type="text"/>	0 ft. x	0 ft.	$\div 43,560 \text{ ft}^2 =$ 8.00 ac	4 ft =	32.00 ac-ft
<input type="text"/>	0 ft. x	0 ft.	$\div 43,560 \text{ ft}^2 =$ 8.00 ac	5 ft =	40.00 ac-ft
<input type="text"/>	0 ft. x	0 ft.	$\div 43,560 \text{ ft}^2 =$ 5.00 ac	4 ft =	20.00 ac-ft
			Estimated Acreage Grand Total	<input type="text" value="21.00"/> ac	Calculated Volume Grand Total
					<input type="text" value="92.00"/> ac-ft

Is the area with in or adjacent to a sensitive area designated by the Department of Natural Resources.

Yes  No

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.



## 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 checked="" 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 checked="" type="checkbox"/> Eurasian Watermilfoil | <input type="checkbox"/> Phragmites                     | <input type="checkbox"/> Pondweed              |

Other Target Plants:

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

## Chemical Control

Full Trade Name of Proposed Chemical(s)

- |   |                                     |                                  |                                    |
|---|-------------------------------------|----------------------------------|------------------------------------|
| <input type="checkbox"/> Agristar 2,4-D Amine | <input type="checkbox"/> Clipper    | <input type="checkbox"/> K-Tea   | <input type="checkbox"/> SCI-62    |
| <input type="checkbox"/> Algimycin PWF        | <input type="checkbox"/> Clipper SC | <input type="checkbox"/> Littora | <input type="checkbox"/> Sculpin G |

- |  |  |   |   |
|--|--|---|---|
| <input type="checkbox"/> Alligare 2,4-D          | <input type="checkbox"/> Current               | <input type="checkbox"/> Milestone        | <input type="checkbox"/> SeClear            |
| <input type="checkbox"/> Alligare Argos          | <input type="checkbox"/> Cutrine-Plus          | <input type="checkbox"/> Nautique         | <input type="checkbox"/> SeClear G          |
| <input type="checkbox"/> Alligare Diquat         | <input type="checkbox"/> Cutrine-Plus Granular | <input type="checkbox"/> Navigate         | <input type="checkbox"/> Shoreklear-Plus    |
| <input type="checkbox"/> Alligare Ecomazapyr     | <input type="checkbox"/> Cutrine-Ultra         | <input type="checkbox"/> Navitrol         | <input type="checkbox"/> Shredder Amine     |
| <input type="checkbox"/> Alligare Glyphosate 5.4 | <input type="checkbox"/> DMA 4 IVM             | <input type="checkbox"/> Navitrol DPF     | <input type="checkbox"/> Sonar AS           |
| <input type="checkbox"/> Aqua Neat               | <input type="checkbox"/> Earthtec              | <input type="checkbox"/> Phycomycin SCP   | <input type="checkbox"/> Sonar Genesis      |
| <input type="checkbox"/> Aqua Star               | <input type="checkbox"/> Element 3A            | <input type="checkbox"/> Polaris          | <input type="checkbox"/> Sonar H4C          |
| <input type="checkbox"/> AquaPro                 | <input type="checkbox"/> Flumioxazin 51% WDG   | <input type="checkbox"/> Polaris AC       | <input type="checkbox"/> Sonar PR           |
| <input type="checkbox"/> Aquashade               | <input type="checkbox"/> Formula F-30          | <input type="checkbox"/> Pond-Klear       | <input type="checkbox"/> Sonar Q            |
| <input type="checkbox"/> Aquashadow              | <input type="checkbox"/> Garlon 3A             | <input type="checkbox"/> ProcellaCOR EC   | <input type="checkbox"/> Sonar RTU          |
| <input type="checkbox"/> Aquastrike              | <input type="checkbox"/> Green Clean           | <input type="checkbox"/> Refuge           | <input type="checkbox"/> Sonar SRP          |
| <input type="checkbox"/> Aquathol K              | <input type="checkbox"/> Habitat               | <input type="checkbox"/> Renovate 3       | <input type="checkbox"/> SonarOne           |
| <input type="checkbox"/> Aquathol Super K        | <input type="checkbox"/> Harpoon               | <input type="checkbox"/> Renovate LZR     | <input type="checkbox"/> Stingray           |
| <input type="checkbox"/> Avast! SC               | <input type="checkbox"/> Harvester             | <input type="checkbox"/> Renovate LZR Max | <input type="checkbox"/> Symmetry NXG       |
| <input type="checkbox"/> Captain                 | <input type="checkbox"/> Havoc Amine           | <input type="checkbox"/> Renovate Max G   | <input type="checkbox"/> Touchdown Pro      |
| <input type="checkbox"/> Captain XTR             | <input type="checkbox"/> Hydrothol 191         | <input type="checkbox"/> Renovate OTF     | <input checked="" type="checkbox"/> Tribune |
| <input type="checkbox"/> Chinook                 | <input type="checkbox"/> Hydrothol Granular    | <input type="checkbox"/> Reward           | <input type="checkbox"/> Trycera            |
| <input type="checkbox"/> Clearcast               | <input type="checkbox"/> Komeen                | <input type="checkbox"/> Rodeo            | <input type="checkbox"/> Weedar 64          |
| <input type="checkbox"/> Clearigate              | <input type="checkbox"/> Komeen Crystal        | <input type="checkbox"/> Roundup Custom   | <input type="checkbox"/> Weedestroy AM-40   |

Other Proposed Chemical(s):

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

What were the results of the treatment?

Method of Application:

**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 checked="" type="radio"/> Yes <input type="radio"/> No	active harvesting program in place
2. Manual removal	<input type="radio"/> Yes <input checked="" type="radio"/> No	area too large, too expensive
3. Sediment screens/covers	<input type="radio"/> Yes <input checked="" type="radio"/> No	area too large, prevents beneficial plant growth
4. Dredging	<input type="radio"/> Yes <input checked="" type="radio"/> No	too expensive
5. Waterbody drawdown	<input type="radio"/> Yes <input checked="" type="radio"/> No	not site specific
6. Nutrient controls in watershed	<input type="radio"/> Yes <input checked="" type="radio"/> No	not site specific
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

## Required Attachments and Supplemental Information

**Upload Required Attachments** ( 15 MB per file limit) - [Help reduce file size and trouble shoot file uploads](#)

\* indicates completion of this item is required

**Note:** To add additional attachments using the down arrow icon. To replace an existing file, use the 'Click here to attach file ' link. To remove additional items, select the item and press CNTRL Delete.

Riparian Owners	<input type="text" value="File Attachment"/>	<a href="#">LittleGreenLake2022RiparianList.pdf</a>
Public Notice	<input type="text" value="File Attachment"/>	<a href="#">LittleGreenLake2022PublicNotice1.pdf</a>
Large Scale Worksheet	<input type="text" value="File Attachment"/>	<a href="#">LittleGreenLake2022LargeScaleWorksheet.pdf</a>
Site Map	<input type="text" value="File Attachment"/>	<a href="#">LittleGreenLake2022Map.pdf</a>

## Fee Calculation

### Chemical Control Application

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.

If Proposed treatment is over 0.25, calculate acreage fee: (round up to nearest whole acre, to maximum of 50 acres) acres X \$25 per acre = \$	21.00
If proposed treatment is less than 0.25 acre, acreage fee is \$0	\$525.00
Basic Permit Fee (non-refundable)	\$20.00
Total Fee	\$545

## Payment Information

**Invoice Number:** WP-00035104

**Payment Confirmation Number:** WS2WT3008359801

**Amount Paid:** \$545

## Sign and Submit

### 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 will provide 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>

All portions of this permit, map and accompanying cover letter must be in possession of the chemical applicator at the time of treatment. During treatment all provisions of Chapter NR 107 107.07 and NR 107.08, Wis. Adm. Code, must be complied with, as well as the specific conditions contained in the permit cover letter.

I hereby certify that that the above information is true and correct and that copies of the application shall be provided to all affected property owners promptly and that the conditions of the permit will be adhered to. All portions of this permit, map and accompanying cover letter must be in possession of the applicant or their agent at time of plant removal. During plant removal activities, all provisions of applicable Wisconsin Administrative Rules must be complied with, as well as the specific conditions contained in the permit cover letter.

### Steps to Complete the signature process

**IMPORTANT:** All email correspondence will be sent to the address associated with your WAMS ID).

1. Read and Accept the Responsibilities and Certification
2. Press the Initiate Signature Process button
3. Open the confirmation email for a one time confirmation code and instructions to complete the signature process.

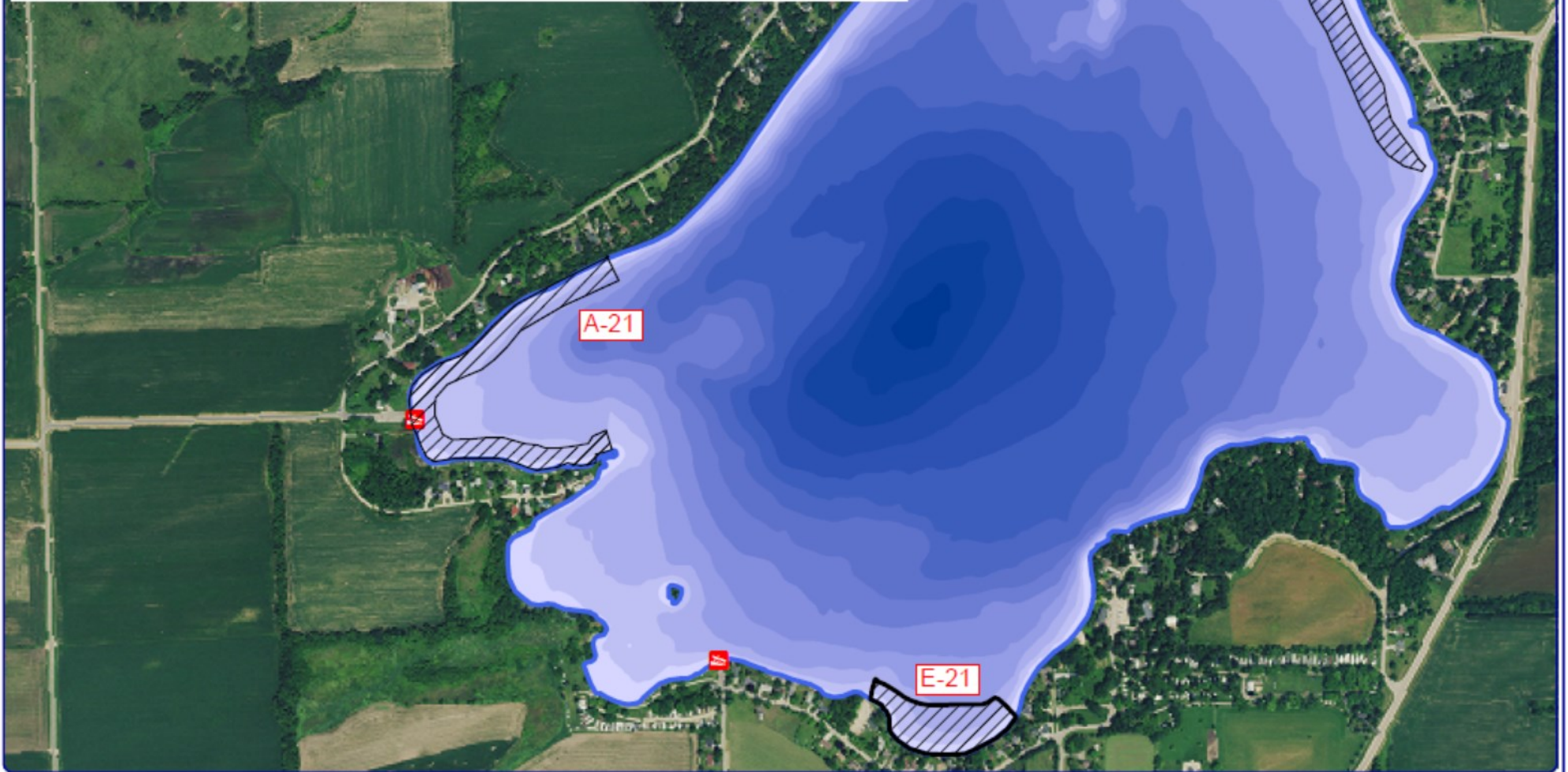
You will receive a final acknowledgement email upon completing these steps .

Check if you are signing as Agent for Applicant.

i:0#.f|wamsmembership|amykay82 signed on 2022.

I hereby certify that the above information is true and correct and that copies of this submittal shall be provided to the appropriate parties named in the contact section and that the conditions of the permit and pesticide use will be adhered to.

Site	Acres	Average Depth	Total Volume (acre-feet)	Application Areas Dose						
				2,4-D PPM	Weedar 64 (Gallons)	Endothall PPM	Aquatholl K (Gallons)	Diquat Gal/Sur Acre	Diquat Gallons/acre rate	Diquat (Gallons)
A-21	8.0	4.0	32.0	0.0	0.0	2.0	41.6			
B-21	8.0	5.0	40.0	0.0	0.00	2.0	52.0			
E-21	5.0	3.5	17.5	0.0	0.0	2.0	22.750			
<b>Total Bid</b>	<b>21.0</b>		<b>89.5</b>				<b>116.4</b>			




Sources:  
Hydro: WDNR  
Aquatic Plants: Ostern, 2016  
Bathymetry: Ostern, 2016  
Orthophotography: NAIP, 2015  
Map Date: February 21, 2017



Extent of large map shown in red.

### Legend

 Preliminary 2021 Treatment Areas

Little Green Lake  
Green Lake County, Wisconsin