# 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|hdharveyiii signed on 2025-03-03T10:00:30

| | |
|---|---|
| Site or Project Name: | Lost Land Lake 2025 - Teal, Lost Land and Ghost Lakes Improvement Association<br>The permit application will be saved automatically with this name |
| Activity: | Chemical Control Application-Lake, River, Pond |
| Eligibility:<br>(All questions must be no for it to be considered a private pond.) | **Does the waterbody have:**<br>• More than one property owner? ◉ Yes ○ No<br>• Uncontrolled surface water discharge? ◉ Yes ○ No<br>• Public access? ◉ Yes ○ No |

## 3200-004 Chemical Aquatic Control Application - Lake, River, Pond

**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 competed 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** | Teal, Lost Land and Ghost Lakes Improvement Association |
| **Last Name:** | Bratteig |
| **First Name:** | Norm |
| **Mailing Address:** | 12919 N Turtle Ln |
| **City:** | Hayward |
| **State:** | WI |
| **Zip Code:** | 54843 |
| **Email:** | |
| **Phone Number:** (xxx-xxx-xxxx) | |
| **Alternative Phone Number:** (xxx-xxx-xxxx) | |

### Waterbody Address

| | |
|---|---|
| **Last Name:** | |
| **First Name:** | |
| **Street Address:** | 13082 N Landing Camp Rd |
| **City:** | Hayward |
| **State:** | WI |
| **Zip Code:** | 54853 |
| **Email:** | |
| **Phone Number:** (xxx-xxx-xxxx) | |
| **Alternative Phone Number:** (xxx-xxx-xxxx) | |

### Applicator

| | |
|---|---|
| **Name of Applicator Firm:** | Schmidt's Aquatic LLC |
| **Applicator Certification #:** | 000977 |
| **Business Location License #:** | 93-022613-020730 |
| **Restricted Use Pesticide #:** | |
| **Address:** | 7470 Sherman Rd |
| **City:** | Bancroft |
| **State:** | WI |
| **Zip:** | 54921 |
| **Email:** | hdhiii@schmidtsaquatic.com |
| **Phone Number:** (xxx-xxx-xxxx) | 920-980-9190 |

## Adjacent Riparian Property Owners

**NOTE: Phone and email address will not be publicly viewable.**

☑ Uploaded riparian owners to attachment tab ☐ Riparian Owners Information is not applicable for this application

| Name | Address | Phone | Email Address |
|---|---|---|---|
| | | | |

# Site Information - Complete

## Waterbody Containing Control Area(s)

**Waterbody Property Owners Association or Waterbody District Representative :** Teal, Lost Land and Ghost Lakes Improvement Ass...

☐ None

**Water Body or Wetland Name:** Lost Land Lake

**Primary County:** Sawyer

**Latitude:** 46.101

**Longitude:** -91.1461

**Section:** 19

**Township:** 42

**Range:** 06

**Direction:** ○ E ◉ W

**Waterbody Surface Area:** 1,264 acres

**Estimated Surface area that is 10ft or less** 300 acres

## Proposed Control Area(s)

Area(s) Proposed for Control:

| Site Name (Optional) | Treatment Length | | Treatment Width | | Estimated Acreage | | Average Depth | | Calculated Volume | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | ft. x | 0 ft. | ÷ 43,560 $ft^2$ = | 4.80 | ac | 4.00 | ft = | 19.20 | ac-ft |

Estimated Acreage Grand Total: 4.80 ac

Calculated Volume Grand Total: 19.20 ac-ft

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

○ 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 - Lake, River, Pond 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.].

## Treatment Type:

◉ *Lake* ○ *Pond* ○ *Wetland* ○ *Marina* ○ *Other*

| Has a management plan been provided to the DNR? | If Yes, date approved of most current copy | Link to Approved Plan: |
|---|---|---|
| ◉ Yes ○ No ○ Don't Know | 8/21/2023 | ☑ Uploaded Plan copy as an Attachment |

Does the proposed plant removal agree with the approved plan? ◉ Yes ○ No

If NO, explain, Attach additional sheets if necessary.

## 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

| | | |
|---|---|---|
| ☐ Algae | ☐ Flowering Rush | ☐ Purple Loosestrife |
| ☐ Common/Glossy Buckthorn | ☐ Hybrid Cattail | ☐ Reed Canary Grass |
| ☐ Coontail | ☐ Hybrid Watermilfoil | ☐ Reed Manna Grass |
| ☐ Curly-Leaf Pondweed | ☐ Japanese Knotweed | ☐ Starry Stonewort |
| ☐ Duckweed | ☐ Naiad | ☐ Yellow Floating Heart |
| ☐ Elodea | ☐ Narrow-Leaf Cattail | ☐ Yellow Iris |
| ☑ Eurasian Watermilfoil | ☐ Phragmites | ☐ 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)

| | | | |
|---|---|---|---|
| ☐ Agristar 2,4-D Amine | ☐ Clipper | ☐ K-Tea | ☐ SCI-62 |
| ☐ Algimycin PWF | ☐ Clipper SC | ☐ Littora | ☐ Sculpin G |
| ☐ Alligare 2,4-D | ☐ Current | ☐ Milestone | ☐ SeClear |
| ☐ Alligare Argos | ☐ Cutrine-Plus | ☐ Nautique | ☐ SeClear G |
| ☐ Alligare Diquat | ☐ Cutrine-Plus Granular | ☐ Navigate | ☐ Shoreklear-Plus |
| ☐ Alligare Ecomazapyr | ☐ Cutrine-Ultra | ☐ Navitrol | ☐ Shredder Amine |
| ☐ Alligare Glyphosate 5.4 | ☐ DMA 4 IVM | ☐ Navitrol DPF | ☐ Sonar AS |
| ☐ Aqua Neat | ☐ Earthtec | ☐ Phycomycin SCP | ☐ Sonar Genesis |
| ☐ Aqua Star | ☐ Element 3A | ☐ Polaris | ☐ Sonar H4C |
| ☐ AquaPro | ☐ Flumioxazin 51% WDG | ☐ Polaris AC | ☐ Sonar PR |
| ☐ Aquashade | ☐ Formula F-30 | ☐ Pond-Klear | ☐ Sonar Q |
| ☐ Aquashadow | ☐ Garlon 3A | ☑ ProcellaCOR EC | ☐ Sonar RTU |
| ☐ Aquastrike | ☐ Green Clean | ☐ Refuge | ☐ Sonar SRP |
| ☐ Aquathol K | ☐ Habitat | ☐ Renovate 3 | ☐ SonarOne |
| ☐ Aquathol Super K | ☐ Harpoon | ☐ Renovate LZR | ☐ Stingray |
| ☐ Avast! SC | ☐ Harvester | ☐ Renovate LZR Max | ☐ Symmetry NXG |
| ☐ Captain | ☐ Havoc Amine | ☐ Renovate Max G | ☐ Touchdown Pro |
| ☐ Captain XTR | ☐ Hydrothol 191 | ☐ Renovate OTF | ☐ Tribune |
| ☐ Chinook | ☐ Hydrothol Granular | ☐ Reward | ☐ Trycera |
| ☐ Clearcast | ☐ Komeen | ☐ Rodeo | ☐ Weedar 64 |
| ☐ Clearigate | ☐ Komeen Crystal | ☐ Roundup Custom | ☐ 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?

See report from Megan Sorenson

Method of Application: Injection

Other 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 | ○ Yes ◉ No | May cause fragmentation |
| 2. Manual removal | ○ Yes ◉ No | Area too large |
| 3. Sediment screens/covers | ○ Yes ◉ No | Area too large |
| 4. Dredging | ○ Yes ◉ No | Too expensive |
| 5. Waterbody drawdown | ○ Yes ◉ No | N/A |
| 6. Nutrient controls in watershed | ○ Yes ◉ No | N/A |
| 7. Other: | ○ Yes ◉ No | N/A |

**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 | File Attachment | 2025 QLIA Full Treatment Riparians.xlsx |
| Public Notice | File Attachment | |
| Large Scale Worksheet | File Attachment | |
| Site Map | File Attachment | 2025 Proposed EWM Management Schmidts Aquatic Lost Land 2025.jpg |
| Lake Management Plan | File Attachment | 2024_28_Quiet_Lakes_Sawyer_County_Aquatic_Plant_Management_Plan_COMPLETEDDRAFT_8_21_2023.pdf |
| Lake Management Plan | File Attachment | Dosing for Lost Land Lake 2025.xlsx |

## 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) | 4.8 |
| acres X $25 per acre = $ | $125.00 |
| If proposed treatment is less than 0.25 acre, acreage fee is $0 | |
| Basic Permit Fee (non-refundable) | $20.00 |
| Total Fee | $145 |

## Payment Information

**Invoice Number:**

| | |
|---|---|
| | WP-00051403 |
| **Payment Confirmation Number:** | WS2WT3012228978 |
| **Amount Paid:** | $145 |

## 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|hdharveyiii signed on 202.

☑ 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.

# 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|hdharveyiii signed on 2025-03-03T10:07:42

| | |
|---|---|
| Site or Project Name: | Teal Lake 2025 - Teal, Lost Land and Ghost Lakes Improvement Association<br>The permit application will be saved automatically with this name |
| Activity: | Chemical Control Application-Lake, River, Pond |
| Eligibility:<br>(All questions must be no for it to be considered a private pond.) | **Does the waterbody have:**<br>• More than one property owner? ◉ Yes ○ No<br>• Uncontrolled surface water discharge? ◉ Yes ○ No<br>• Public access? ◉ Yes ○ No |

## 3200-004 Chemical Aquatic Control Application - Lake, River, Pond

**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 competed 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** | Teal, Lost Land and Ghost Lakes Improvement Association |
| **Last Name:** | Bratteig |
| **First Name:** | Norm |
| **Mailing Address:** | 12919 N Turtle Ln |
| **City:** | Hayward |
| **State:** | WI |
| **Zip Code:** | 54843 |
| **Email:** | |
| **Phone Number:** (xxx-xxx-xxxx) | |
| **Alternative Phone Number:** (xxx-xxx-xxxx) | |

### Waterbody Address

| | |
|---|---|
| **Last Name:** | |
| **First Name:** | |
| **Street Address:** | 8701 W Johns Dr |
| **City:** | Hayward |
| **State:** | WI |
| **Zip Code:** | 54843 |
| **Email:** | |
| **Phone Number:** (xxx-xxx-xxxx) | |
| **Alternative Phone Number:** (xxx-xxx-xxxx) | |

### Applicator

| | |
|---|---|
| **Name of Applicator Firm:** | Schmidt's Aquatic LLC |
| **Applicator Certification #:** | 000977 |
| **Business Location License #:** | 93-022613-020730 |
| **Restricted Use Pesticide #:** | |
| **Address:** | 7470 Sherman Rd |
| **City:** | Bancroft |
| **State:** | WI |
| **Zip:** | 54921 |
| **Email:** | hdhiii@schmidtsaquatic.com |
| **Phone Number:** (xxx-xxx-xxxx) | 920-980-9190 |

## Adjacent Riparian Property Owners

**NOTE: Phone and email address will not be publicly viewable.**

☑ Uploaded riparian owners to attachment tab ☐ Riparian Owners Information is not applicable for this application

| Name | Address | Phone | Email Address |
|---|---|---|---|
| | | | |

# Site Information - Complete

## Waterbody Containing Control Area(s)

**Waterbody Property Owners Association or Waterbody District Representative :** Teal, Lost Land and Ghost Lakes Improvement Ass...

☐ None

**Water Body or Wetland Name:** Teal Lake

**Primary County:** Sawyer

**Latitude:** 46.0856

**Longitude:** -91.1042

**Section:** 26

**Township:** 42

**Range:** 06

**Direction:** ○ E ◉ W

**Waterbody Surface Area:** 1,024 acres

**Estimated Surface area that is 10ft or less** 200 acres

## Proposed Control Area(s)

Area(s) Proposed for Control:

| Site Name (Optional) | Treatment Length | | Treatment Width | | Estimated Acreage | | Average Depth | | Calculated Volume | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | ft. x | 0 ft. | ÷ 43,560 $ft^2$ = | 7.00 | ac | 5.00 | ft = | 35.00 | ac-ft |

Estimated Acreage Grand Total: 7.00 ac

Calculated Volume Grand Total: 35.00 ac-ft

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

○ 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 - Lake, River, Pond 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.].

## Treatment Type:

◉ *Lake* ○ *Pond* ○ *Wetland* ○ *Marina* ○ *Other*

| Has a management plan been provided to the DNR? | If Yes, date approved of most current copy | Link to Approved Plan: |
|---|---|---|
| ◉ Yes ○ No ○ Don't Know | 8/21/2023 | ☑ Uploaded Plan copy as an Attachment |

Does the proposed plant removal agree with the approved plan? ◉ Yes ○ No

If NO, explain, Attach additional sheets if necessary.

## 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

| | | |
|---|---|---|
| ☐ Algae | ☐ Flowering Rush | ☐ Purple Loosestrife |
| ☐ Common/Glossy Buckthorn | ☐ Hybrid Cattail | ☐ Reed Canary Grass |
| ☐ Coontail | ☐ Hybrid Watermilfoil | ☐ Reed Manna Grass |
| ☐ Curly-Leaf Pondweed | ☐ Japanese Knotweed | ☐ Starry Stonewort |
| ☐ Duckweed | ☐ Naiad | ☐ Yellow Floating Heart |
| ☐ Elodea | ☐ Narrow-Leaf Cattail | ☐ Yellow Iris |
| ☑ Eurasian Watermilfoil | ☐ Phragmites | ☐ 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)

| | | | |
|---|---|---|---|
| ☐ Agristar 2,4-D Amine | ☐ Clipper | ☐ K-Tea | ☐ SCI-62 |
| ☐ Algimycin PWF | ☐ Clipper SC | ☐ Littora | ☐ Sculpin G |
| ☐ Alligare 2,4-D | ☐ Current | ☐ Milestone | ☐ SeClear |
| ☐ Alligare Argos | ☐ Cutrine-Plus | ☐ Nautique | ☐ SeClear G |
| ☐ Alligare Diquat | ☐ Cutrine-Plus Granular | ☐ Navigate | ☐ Shoreklear-Plus |
| ☐ Alligare Ecomazapyr | ☐ Cutrine-Ultra | ☐ Navitrol | ☐ Shredder Amine |
| ☐ Alligare Glyphosate 5.4 | ☐ DMA 4 IVM | ☐ Navitrol DPF | ☐ Sonar AS |
| ☐ Aqua Neat | ☐ Earthtec | ☐ Phycomycin SCP | ☐ Sonar Genesis |
| ☐ Aqua Star | ☐ Element 3A | ☐ Polaris | ☐ Sonar H4C |
| ☐ AquaPro | ☐ Flumioxazin 51% WDG | ☐ Polaris AC | ☐ Sonar PR |
| ☐ Aquashade | ☐ Formula F-30 | ☐ Pond-Klear | ☐ Sonar Q |
| ☐ Aquashadow | ☐ Garlon 3A | ☑ ProcellaCOR EC | ☐ Sonar RTU |
| ☐ Aquastrike | ☐ Green Clean | ☐ Refuge | ☐ Sonar SRP |
| ☐ Aquathol K | ☐ Habitat | ☐ Renovate 3 | ☐ SonarOne |
| ☐ Aquathol Super K | ☐ Harpoon | ☐ Renovate LZR | ☐ Stingray |
| ☐ Avast! SC | ☐ Harvester | ☐ Renovate LZR Max | ☐ Symmetry NXG |
| ☐ Captain | ☐ Havoc Amine | ☐ Renovate Max G | ☐ Touchdown Pro |
| ☐ Captain XTR | ☐ Hydrothol 191 | ☐ Renovate OTF | ☐ Tribune |
| ☐ Chinook | ☐ Hydrothol Granular | ☐ Reward | ☐ Trycera |
| ☐ Clearcast | ☐ Komeen | ☐ Rodeo | ☐ Weedar 64 |
| ☐ Clearigate | ☐ Komeen Crystal | ☐ Roundup Custom | ☐ 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?

See Megan Sorenson report

Method of Application: Injection

Other 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 | ○ Yes ◉ No | May cause fragmentation |
| 2. Manual removal | ○ Yes ◉ No | Area too large |
| 3. Sediment screens/covers | ○ Yes ◉ No | Area too large |
| 4. Dredging | ○ Yes ◉ No | Tooexpensive |
| 5. Waterbody drawdown | ○ Yes ◉ No | N/A |
| 6. Nutrient controls in watershed | ○ Yes ◉ No | N/A |
| 7. Other: | ○ Yes ◉ No | N/A |

**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 | File Attachment | 2025 QLIA Revised Treatment Riparians.xlsx |
| Public Notice | File Attachment | |
| Large Scale Worksheet | File Attachment | |
| Site Map | File Attachment | 2025 Proposed EWM Management Schmidts Aquatic Teal Lake 2025.jpg |
| Lake Management Plan | File Attachment | 2024_28_Quiet_Lakes_Sawyer_County_Aquatic_Plant_Management_Plan_COMPLETEDDRAFT_8_21_2023.pdf |
| Lake Management Plan | File Attachment | Dosing for Teal Lake 2025.xlsx |

## 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) | 7 |
| acres X $25 per acre = $ | $175.00 |
| If proposed treatment is less than 0.25 acre, acreage fee is $0 | |
| Basic Permit Fee (non-refundable) | $20.00 |
| Total Fee | $195 |

## Payment Information

**Invoice Number:**

| | |
|---|---|
| | WP-00051405 |
| **Payment Confirmation Number:** | WS2WT3012229017 |
| **Amount Paid:** | $195 |

## 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

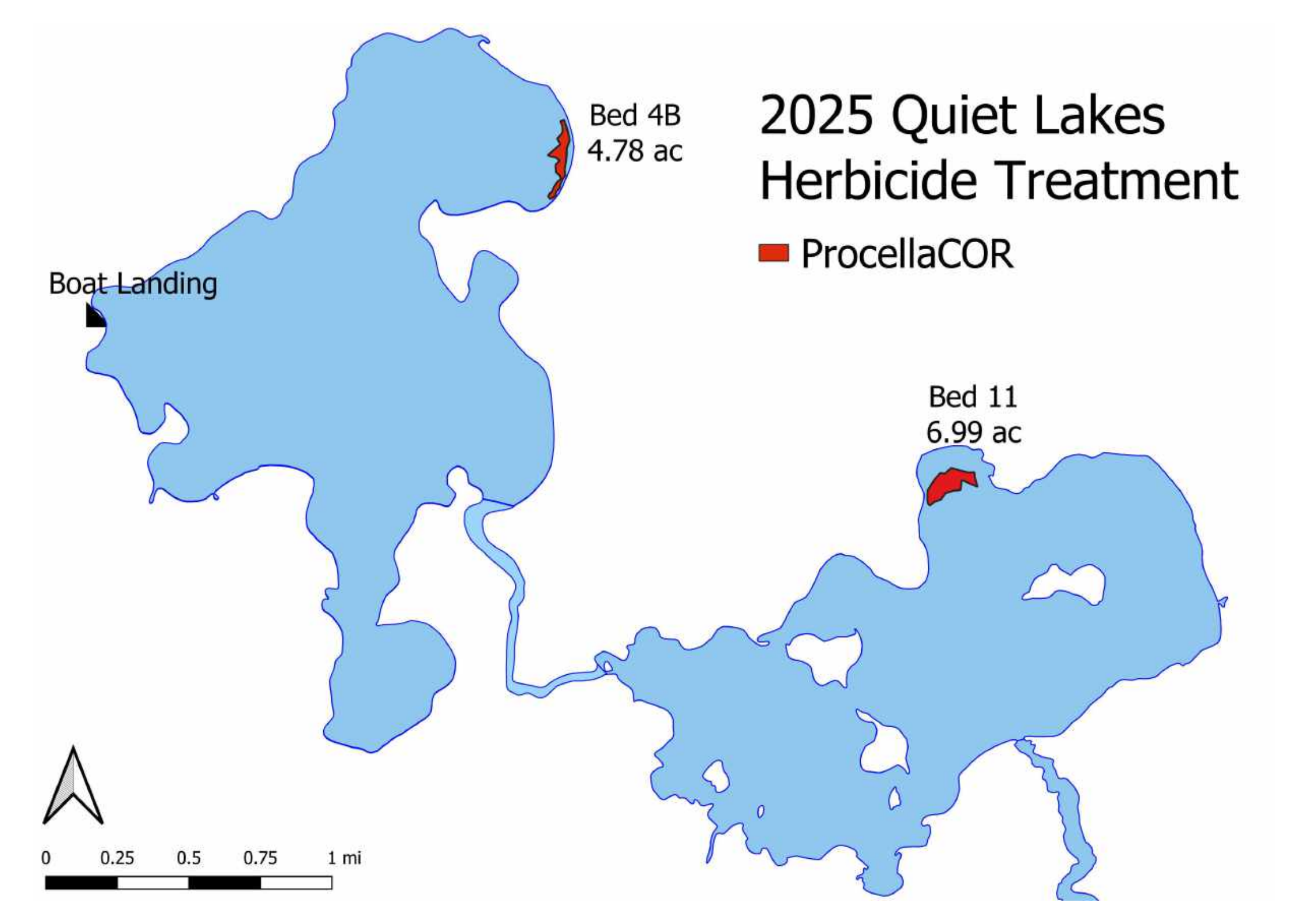
IMPORTANT: All email correspondence will be sent to the address associated with your WAMS ID).

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|hdharveyiii signed on 202.

☑ 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.


2025 Quiet Lakes
Herbicide Treatment
ProcellaCOR
Bed 4B
4.78 ac
Boat Landing
Bed 11
6.99 ac
0
0.25
0.5
0.75
1 mi

# FLORPYRAUXIFEN-BENZYL CHEMICAL FACT SHEET

## Formulations

Florpyrauxifen-benzyl is a relatively new herbicide that was first registered with the U.S. EPA in 2017. The active ingredient is 4-amino-3-chloro-6-(4-chloro-2-fluoro-3-methoxyphenyl)-5-fluoro-pyridine-2-benzyl ester, also identified as florpyrauxifen-benzyl. Florpyrauxifen-benzyl is labeled for control of submerged, floating and emergent aquatic plants using surface, subsurface or foliar application in slow-moving and quiescent waters. Commercial formulations approved for aquatic use in Wisconsin include ProcellaCOR™*.

## Aquatic Use and Considerations

Florpyrauxifen-benzyl is a systemic herbicide (i.e., it moves throughout the plant tissue). It is a WSSA Group 4 herbicide, meaning that the mechanism of action is by mimicking the plant growth hormone auxin and causing excessive elongation of plant cells, ultimately killing the plant. Affected plants may show atypical growth patterns (e.g., large and/or twisted leaves, stem elongation), and leaf and shoot tissue may become fragile. While initial effects will become apparent within a few days after treatment, it will take two to three weeks for the full plant decomposition process to occur. 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.

It is important to note that repeated use of herbicides in the same WSSA group (i.e., with the same mechanism of action) can lead to herbicide-resistant plants, even in aquatic environments. 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.

Florpyrauxifen-benzyl has relatively short contact exposure time (CET) requirements (typically 12 to 24 hours). The short 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 some Wisconsin lakes impacts to target and non-target plants have been observed in areas beyond the targeted treatment areas, and research is ongoing to better understand the herbicide's dissipation and degradation patterns across various lake types.

Florpyrauxifen-benzyl is labeled for control of invasive Eurasian watermilfoil (*Myriophyllum spicatum*), hybrid watermilfoil (*M. spicatum x sibiricum*) and yellow floating heart (*Nymphoides peltata*)†. Native species listed on the product label as susceptible to florpyrauxifen-benzyl include coontail (*Ceratophyllum demersum*), variable-leaf watermilfoil (*Myriophyllum heterophyllum*), watershield (*Brasenia schreberi*), pickerelweed (*Pontederia cordata*) and American lotus (*Nelumbo lutea*)†.

Preliminary results from pre- and post-treatment monitoring conducted on a subset of Wisconsin lakes observed negative impacts to dicot species such as northern watermilfoil (*Myriophyllum sibiricum*), white water crowfoot (*Ranunculus aquatilis*), water marigold (*Bidens beckii*), & coontail following treatment.

* Product names are provided solely for your reference and should not be considered exhaustive nor endorsements.

† May vary by formulation, application rate, and/or product. Every product label must be carefully reviewed and followed by the user.

## Post-Treatment Water Use Restrictions

There are no drinking water or recreational use restrictions, including swimming and fishing, and no restrictions on irrigating turf. There is a short waiting period (dependent on application rate) for other non-agricultural irrigation purposes. Treated water should not be used for livestock drinking water or for agricultural irrigation without analytical monitoring to confirm dissipation†.

## Herbicide Degradation, Persistence and Trace Contaminants

Florpyrauxifen-benzyl is short-lived, with a half-life (the time it takes for half of the active ingredient to degrade) of four to six days in aerobic aquatic environments and two days in anaerobic aquatic environments. Florpyrauxifen-benzyl in water is subject to rapid breakdown by light (photolysis), with a reported photolytic half-life of approximately two hours in surface water when exposed to sunlight. In addition, the herbicide can convert partially to an acid form via breakdown by water (hydrolysis) at high pH (greater than 9) and higher water temperatures (greater than 25°C). Microbial activity in the water and sediment can also enhance degradation.

Florpyrauxifen-benzyl breaks down into five major degradation products. These materials are generally more persistent in water than the active herbicide (with a half-life of up to three weeks), but four of the five products are minor metabolites detected at less than 5% of applied active ingredient.

Florpyrauxifen-benzyl has a high soil adsorption coefficient (KOC) and low volatility, which allows for rapid plant uptake resulting in short exposure time requirements. Florpyrauxifen-benzyl degrades quickly (two to 15 days) in sediment. Few studies have yet been completed for groundwater, but based on known environmental properties, florpyrauxifen-benzyl is not expected to be associated with potential environmental impacts in groundwater.

## Impacts on Fish and Other Aquatic Organisms

Florpyrauxifen-benzyl is practically nontoxic to freshwater fish and invertebrates, birds, bees, reptiles, amphibians and mammals. Florpyrauxifen-benzyl will temporarily bioaccumulate (the process by which chemicals in the environment or in a food source are taken up by plants or animals) in freshwater organisms but is expelled and/or metabolized within one to three days after exposure to high (greater than 150 parts per billion) concentrations.

## Human Health

There are no risks of concern to human health since no adverse short- or long-term effects, including a lack of carcinogenicity or mutagenicity, were observed in the submitted toxicological studies for florpyrauxifen-benzyl regardless of the route of exposure. Drinking water exposures to florpyrauxifen-benzyl also do not pose a significant human health risk. Additionally, there is no hazard concern for metabolites and/or degradants of florpyrauxifen-benzyl that may be found in drinking water, plants and livestock.

## For Additional Information

U.S. Environmental Protection Agency (EPA)
Office of Pesticide Programs
epa.gov/pesticides

Wisconsin Department of Agriculture, Trade, and Consumer Protection
datcp.wi.gov/Pages/Programs_Services/ACMOverview.aspx

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

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

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