



## Aquatic Pesticide Purchase Permit Application

The undersigned hereby applies for a Aquatic Purchase Permit for the purchase and use of restricted use aquatic pesticides pursuant to Article 33 and 15 of the Environmental Conservation Law. Type or print clearly.

APPLICANT INFORMATION		
1. Name of Applicant:		
2. Mailing address:		
City:	State:	Zip Code + 4:
3. Home Telephone Number:		4. Business Telephone Number:
5. E-mail address:		
PERMIT HISTORY		
6. Have you previously been issued a purchase permit for this water body?      Yes      No		
If Yes, provide the prior permit number:		
WATER BODY INFORMATION		
7. Township location of water body:		
8. County location of water body:		
9. Name of water body (if applicable):		
10. Target species to be controlled:		
11. Water body size (surface area):		Square Feet      Acres
12. Maximum depth:		Feet
PESTICIDE INFORMATION		
13. Name of the pesticide you wish to purchase:		
14. Manufacturer of the pesticide:		
15. Pesticide active ingredient (s):		
16. Pesticide EPA Reg. No.:		
17. Application Rate (i.e. - lbs/square foot, lbs/acre foot or gal/surface acre):		

APPLICATION AND PURCHASE CALCULATIONS AND INFORMATION

18. The pesticide treatment that you would like to perform. Please check one.

Entire water body

Specific weed beds, the area that you will treat is: Square feet      Acres

19. Method of application (i.e. sprayed on surface, bag dragged behind boat):

20. Amount of pesticide needed per treatment: Pounds or      Gallons

21. Number of treatments annually:      Approximate date(s) of treatment(s):

22. Total amount of pesticides needed per year: Pounds or      Gallons

23. Amount of pesticide to be purchased this year (container size available): Pounds or      Gallons

24. Amount of pesticide remaining after application: Pounds or      Gallons

25. Amount of pesticide to be used in the      calendar year will be Pounds or      Gallons

Amount of pesticide to be used in the      calendar year will be Pounds or      Gallons

AFFIRMATION

26. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature

Date

Attach a map showing the location of the water body on your property with any existing inlets or outlets, nearest roads, township and county identified. When mailing this form refer to the application instructions for the correct NYSDEC location.

## APPLICATION INSTRUCTIONS

### Applicant Information

- Block 1.** Enter your full name
- Block 2.** Enter your mailing address. This should be the address you use to receive your mail. Enter the city, two letter abbreviations for the state zip code with zip extension.
- Block 3.** Enter your home telephone number and area code.
- Block 4.** Enter your business telephone number and area code.
- Block 5.** Enter your e-mail address.

### Permit History

- Block 6.** If you have been issued an aquatic pesticide purchase permit in the past for this water body, check yes and enter the Prior permit number. If you have not previously been issued an aquatic pesticide purchase permit for this water body check no.

### Water body information

**You must attach a map** indicating the water body on your property, with any existing inlets or outlets, nearest roads, township and county labeled. This map may be hand drawn, a photocopy of a property survey or a prepared map. Incomplete applications or applications without pond location map will be returned for correction.

- Block 7.** Enter the township where the water body is located.
- Block 8.** Enter the county where the water body is located.
- Block 9.** Enter the name of the water body if it has a name.
- Block 10.** Enter the target vegetation. You must be able to properly identify the weed species you are trying to control; in other Words, your target vegetation pest. Only aquatic herbicides labeled for the control of your target vegetation pest can Be utilized. Examples of target vegetation are algae, milfoil, coontail, cattails, etc. For help in identifying aquatic Vegetation, contact your local Cornell Cooperative Extension Service or USDA's Natural Resources Conservation Service.
- Block 11.** Many pesticide labels require you to determine the surface area for the water body. For a rectangular water body, Multiply the approximate width of the water body in feet times its length in feet. This will give you the surface area in Square feet. You may be required to calculate the surface area in acres. Because this permit can only be issued for water bodies that are one acre or less in size you will be calculating an acre or part of an acre. This can be accomplished by dividing the square foot surface area that you calculated by 43,560 (number of square feet in an acre) which equals surface acreage.
- For circular water bodies you will need to find the radius of the pond which will be used to calculate the area of the pond. If you measure the total distance around the edge of the water body in feet and divide this number by 3.14 this will give you the diameter of the pond. Divide the diameter in half to get the radius. The area of your circular pond may now be calculated by taking the radius multiply it by itself and then by 3.14 to get the surface area of the pond in square feet. You can calculate surface acres or part thereof by dividing the square foot surface area by 43,560 (number of square feet in an acre).
- For triangular water bodies, use the equation for rectangles and divide the calculated amount by two.
- For irregular shaped waterbodies, use the equation or equations that are most appropriate.
- Block 12.** Enter the maximum depth of the water body.

## **Pesticide Information**

- Block 13.** Enter the name of the pesticide you would like to purchase. This is found on the pesticide container or can be provided by the individual that sells the pesticide.
- Block 14.** Enter the name of the pesticide manufacturer. This is found on the pesticide container or can be provided by the individual that sells the pesticide.
- Block 15.** Enter the pesticide active ingredient. This is found on the pesticide container or can be provided by the individual that sells the pesticide.
- Block 16.** Enter the pesticide EPA registration number. This is found on the pesticide container or can be provided by the individual that sells the pesticide.
- Block 17.** Enter the application rate of the pesticide. This is found on the pesticide container or can be provided by the individual that sells the pesticide.

## **Application and Purchase Calculations and Information**

- Block 18.** Indicate whether this will be an entire water body application or a specific area of the water body that will be treated. If this is a specific area please provide the area that you will treat. You may use the calculation methods in Block 11 to calculate the area for this partial treatment. Check the unit of measure, square feet or acres.
- Block 19.** Enter the method of pesticide application. For example you may be spray the pesticide on the surface of the water, bag drag the pesticide behind a boat, or specify some other method.
- Block 20.** Enter the amount of pesticide that will be applied per treatment. This is based on the information provide in Blocks 11 (Block 18 if a partial treatment), 12 and 17. To calculate an application rate for a surface area application you can multiply surface area, Block 11 (Block 18 if a partial treatment), by application rate, Block 17. Surface area will have a unit of measure such as lbs/square foot, gallons/square foot, lbs/surface acre or gallons/surface acre. Check the unit of measure, pounds or gallons
- The pesticide label may require you to apply the pesticide to a volume of water rather than the surface area. The volume of a water body in acre-feet can be calculated by multiplying surface acreage, Block 11, times average depth. Most water bodies one acre or less in size have uniformly sloping bottoms. Thus, the average depth may be found by dividing the maximum depth, Block 12, by two. Volume may also be calculated in cubic feet by multiplying the surface acreage, Block 11 (Block 18 if a partial treatment, by the average depth (Block 12 divided by 2). The amount of pesticide can then be calculated by multiplying the volume that you calculated by application rate, Block 17. Check the unit of measure, pounds or gallons
- Block 21.** Enter the number of pesticide applications that you will make in the calendar year and the proposed dates of treatment. This should not exceed the amount specified on the pesticide label.
- Block 22.** Enter the total amount of pesticide that will be applied per year. This can be calculated by multiplying the amount of pesticide that will be used per treatment in Block 20 by the amount of treatments in Block 21. Check the unit of measure, pounds or gallons.
- Block 23.** Enter the total amount of pesticide that will be purchase. This is based on container size that is available. Check the unit of measure, pounds or gallons.
- Block 24.** Enter the amount of pesticide remaining after the calendar year. Check the unit of measure, pounds or gallons.
- Block 25.** You may use this pesticide for two additional calendar years if you have pesticide remaining as indicated in Block 24. Enter the calendar years or years that you will use the pesticide and provide the amount that will be used during the calendar year. Check the unit of measure, pounds or gallons.

## **Affirmation**

- Block 26.** Print then sign and date the form.