

Average Water Depth of Treatment Site (feet)	Pounds of SonarOne Per Treated Surface Acre	
	16 ppb	90 ppb
1	0.9	5.0
2	1.7	10.0
3	2.6	15.0
4	3.5	20.0
5	4.3	25.0
6	5.2	30.0
7	6.0	34.0
8	6.9	39.0
9	7.8	44.0
10	8.6	49.0
11	9.5	54.0
12	10.4	59.0
13	11.2	64.0
14	12.1	68.0
15	13.0	73.0
16	13.8	78.0
17	14.7	83.0
18	15.6	88.0
19	16.4	93.0
20	17.3	98.0

**Split or Multiple Applications to Whole Lakes or Reservoirs**  
 To meet certain plant management objectives, split or multiple applications may be desired in making whole lake treatments. Split or multiple application programs are desirable when the objective is to use the minimum effective dose and to maintain this lower dose for the sufficient time to ensure efficacy and enhance selectivity. Under these situations, use the lower rates (16 - 75 ppb) within the rate range. In controlling Eurasian watermitten and curlyleaf pondweed and where greater plant selectivity is desired, choose an application rate lower in the rate range. For other plant species, SEPPO recommends contacting a SEPPO Aquatic Specialist in determining when to choose application rates lower in the rate range to meet specific plant management goals. For split or repeated applications, the sum of all applications must not exceed 150 ppb per annual growth cycle.

**B. Partial Lake or Reservoir Treatments**

Where dilution of SonarOne with untreated water is anticipated, such as in partial lake or reservoir treatments, split or multiple applications may be used to extend the contact time to the target plants. The application rate and use frequency of SonarOne in a partial lake is highly dependent upon the treatment area. An application rate at the higher end of the specified rate range may be required and frequency of applications will vary depending upon the potential of untreated water diluting the SonarOne concentration in the treatment area. Use a rate at the higher end of the rate range where greater dilution with untreated water is anticipated.

**Application Sites Greater Than ¼ Mile from a Functioning Potable Water Intake**  
 For single applications, apply SonarOne at application rates from 45 - 150 ppb. Split or multiple applications may be made; however, the sum of all applications cannot exceed 150 ppb per annual growth cycle. Split applications should be conducted to maintain a sufficient concentration in the target area for a period of 45 days or longer. The use of a FastEST is recommended to maintain the desired concentration in the target area over time.

**Application Sites within ¼ Mile of a Functioning Potable Water Intake**

In treatment areas that are within ¼ mile of a potable water intake, no single application can exceed 20 ppb. When utilizing split or repeated applications of SonarOne for sites which contain a potable water intake, a FastEST is required to determine the actual concentration in the water. Additionally, the sum of all applications cannot exceed 150 ppb per annual growth cycle.

**Application Rate Calculation — Ponds, Lakes, and Reservoirs**

The amount of SonarOne to be applied to provide the desired ppb concentration of active ingredient equivalents in treated water may be calculated as follows:

$$\text{Pounds of SonarOne required per treated acre} = \text{Avg. water depth of treatment site} \times$$

$$\text{Desired ppb concentration of active ingredient equivalents} \times 0.054$$

For example: the pounds per acre of SonarOne required to provide a concentration of 25 ppb of active ingredient equivalents in water with an average depth of 5 feet is calculated as follows:

$$5 \times 25 \times 0.054 = 6.75 \text{ pounds per treated surface acre.}$$

**NOTE:** Calculated rates may not exceed the maximum allowable rate in pounds per treated surface acre for the water depth listed in the application rate table for the site to be treated.

**Application to Drainage Canals, Irrigation Canals, and Rivers**

**Static Canals**

In static drainage and irrigation canals, apply SonarOne at the rate of 20 - 40 pounds per surface acre.

**Moving Water Canals and Rivers**

The performance of SonarOne will be enhanced by restricting or reducing water flow. In slow moving bodies of water use an application technique that maintains a concentration of 10 - 40 ppb in the applied area for a minimum of 45 days. SonarOne can be applied by split or multiple broadcast applications or by metering in the product to provide a uniform concentration of the herbicide based upon the flow pattern. The use of a FastEST is recommended to maintain the desired concentration in the target area over time.

**Static or Moving Water Canals or Rivers Containing a Functioning Potable Water Intake**

In treating a static or moving water canal or river which contains a functioning potable water intake, applications of SonarOne greater than 20 ppb must be made more than ¼ mile from a functioning potable water intake. Applications less than 20 ppb may be applied within ¼ mile from a functioning potable water intake; however, if applications of SonarOne are made within ¼ mile from a functioning water intake, a FastEST must be utilized to demonstrate that concentrations do not exceed 150 ppb at the potable water intake.

**Application Rate Calculation — Drainage Canals, Irrigation Canals, and Rivers**

The amount of SonarOne to be applied through a metering system to provide the desired ppb concentration of active ingredient in treated water may be calculated as follows:

$$1. \text{ Average flow rate (ft. per second)} \times \text{average width (ft.)} \times \text{average depth (ft.)} \times 0.9 = \text{CFS (cubic feet per second)}$$

$$2. \text{ CFS} \times 1.98 = \text{acre feet per day (water movement)}$$

$$3. \text{ Acre feet per day} \times \text{desired ppb} \times 0.054 = \text{pounds SonarOne required per day.}$$

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**Pesticide Storage:** Store in original container only. Do not store near feed or foodstuffs. In case of leak or spill, contain material and dispose as waste.

**Pesticide Disposal:** Wastes resulting from use of this product may be used according to label directions or disposed of at an approved waste disposal facility.

### Container Handling

**Nonrefillable Container.** DO NOT reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying; then offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

**Triple Rinse Containers small enough to shake (capacity <= 50 pounds)** as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

**Triple Rinse Containers too large to shake (capacity >50 pounds)** as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. Repeat this procedure two more times.

**Pressure Rinse** as follows: Empty the remaining contents into application equipment or mix tank. Hold container upside down over application equipment or mix tank, or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

**Refillable Container.** Refill this container with pesticide only. DO NOT reuse this container for any other purpose. Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

**Triple Rinse** as follows: To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

When this container is empty, replace the cap and seal all openings that have been opened during use; return the container to the point of purchase or to a designated location. This container must only be refilled with a pesticide product. Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions, worn-out threads and closure devices. Check for leaks after refilling and before transport.

**DO NOT** transport if this container is damaged or leaking. If the container is damaged, or leaking, or obsolete and not returned to the point of purchase or to a designated location, triple rinse emptied container and offer for recycling, if available, or dispose of container in compliance with state and local regulations.

## TERMS AND CONDITIONS OF USE

If terms of the following *Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies* are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. Otherwise, to the extent consistent with applicable law, use by the buyer or any other user constitutes acceptance of the terms under *Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies*.

## WARRANTY DISCLAIMER

SePRO Corporation warrants that the product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, SEPRO CORPORATION MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

## INHERENT RISKS OF USE

It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of SePRO Corporation or the seller. To the extent consistent with applicable law, all such risks shall be assumed by buyer.

## LIMITATION OF REMEDIES

To the extent consistent with applicable law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories) shall be limited to, at SePRO Corporation's election, one of the following:

- (1) Refund of purchase price paid by buyer or user for product bought, or
- (2) Replacement of amount of product used.

To the extent consistent with applicable law, SePRO Corporation shall not be liable for losses or damages resulting from handling or use of this product unless SePRO Corporation is promptly notified of such losses or damages in writing. In no case shall SePRO Corporation be liable for consequential or incidental damages or losses.

The terms of the *Warranty Disclaimer, Inherent Risks of Use* and this *Limitation of Remedies* cannot be varied by any written or verbal statements or agreements. No employee or sales agent of SePRO Corporation or the seller is authorized to vary or exceed the terms of the *Warranty Disclaimer* or this *Limitation of Remedies* in any manner.

- Sonar is a registered trademark of SePRO Corporation
- Copyright 2013 SePRO Corporation

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**Sepro**  
**SonarOne**  
Aquatic Herbicide

Active Ingredient  
fluridone: 1-methyl-3-phenyl-5-[3-(trifluoromethyl)  
phenyl]-4(1H)-pyridinone . . . . . 5.0%  
Other Ingredients . . . . . 95.0%  
TOTAL . . . . . 100.0%  
Contains 0.05 pound active ingredient per pound of product.

**Keep Out of Reach of Children**  
**CAUTION / PRECAUTION**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**  
**CAUTION.** Harmful if swallowed. Causes moderate eye irritation. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Avoid contact with eyes or clothing. Wear protective eyewear.

**ENVIRONMENTAL HAZARDS**

Do not apply directly to the soil. Do not use equipment wear outside the intended treatment area by deposit of lowest rates should be used in shallow areas where the water depth is for example, shallow shoreline areas. Trees and shrubs growing in contact with SonarOne herbicide may occasionally develop chlorotic spots. For more information, contact your local extension office on non-target organisms.

Refer to the inside of the label booklet for additional precautionary information and directions for use.  
**NOTICE:** Read the entire label before using. Use only according to label directions. Before buying or using this product, read **Terms and Conditions of Use, Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies** inside label booklet.

EPA Reg. No. 67690-45  
EPA Est. No. 067690-NC-002  
FRL20120328 107302

SonarOne is a registered trademark of Sepro Corporation  
Sepro Corporation 11550 N. Meridian Street, Suite 600  
Carmel, IN 46032, U.S.A.

Aquatic Herbicide

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	FIRST AID
If swallowed	<ul style="list-style-type: none"> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Give 1-2 glasses of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> <li>Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes; then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
If in eye	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes; then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
If on skin or clothing	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
If inhaled	<ul style="list-style-type: none"> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance; then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>

**HOTLINE NUMBER**  
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In case of emergency, emergency health or the environment involving this product, call INFOFRAC at 1-800-535-5851.

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.  
**Pesticide Storage:** Store in original container only. Do not store near feed or foodstuffs. In case of leak or spill, contain material and dispose as waste.  
**Pesticides Disposal:** Waste resulting from use of this product may be used according to label directions or disposed of at an approved disposal facility.  
**Container Handling**  
**Nonrefillable Container:** DO NOT reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying; then offer for recycling, if available, or for other reuse. If not reusable, recycle or dispose of in a sanitary landfill, or incinerate, or use other procedures approved by state and local authorities.  
**Refillable Container:** Refill this container with pesticide only. DO NOT reuse this container for any other purpose. Triple rinsing the container before final disposal is the responsibility of the person using the container. Cleaning before refilling is the responsibility of the refiller. See also labeling for complete container disposal directions including triple rinsing and pressure rinsing instructions.

Net contents 20 pounds (Non-refillable)



## **ATTACHMENT C**

### **2015 AQUATIC PESTICIDE PERMIT APPLICATION SARATOGA LAKE Malta & Saratoga Springs, NY**

**March 2015**

### **RIPARIAN & DOWNSTREAM RIPARIAN OWNER/USER NOTIFICATION**

#### **Information Enclosed:**

- Certification of Notification
- Notification/Consent Letter
- Riparian Owners/Users List

#### **Applicant:**

**Saratoga Lake Protection and Improvement District  
P.O. Box 2551  
Ballston Spa, NY 12020**

#### **Applicator:**

**Aquatic Control Technology  
11 John Road  
Sutton, MA 01590-2509**

CERTIFICATION OF NOTIFICATION OF RIPARIAN OWNERS AND USER

TO: Bureau of Pesticide Management  
 New York State Department of Environmental Conservation

SUBJECT: Application for Permit to Use Pesticides for the Control of An Aquatic Pest:  
Joe Finn, Riparian Owner & SLPID Commissioner  
 (Name of applicant as it appears on Permit Application Form)

CHECK ALL APPROPRIATE STATEMENTS

All owners of real property abutting the body of water proposed to be treated pursuant to the above-referenced Aquatic Pesticide Permit Application, a list of whom is attached to this letter, have been notified by letter of the proposed pesticide permit. This list includes property owners abutting the outflow from this body of water, if the water is not to be held in the treated water body for the period of time during which use of the water is restricted. Such letters were mailed or personally delivered on: \_\_\_\_\_ . A copy of the letter is attached.

A review of the appropriate real property tax records indicates that no person other than the applicant owns any real property abutting the water body proposed to be treated pursuant to the above-referenced Aquatic Pesticide Permit application.

A person or person not owning abutting real property possesses a vested legal right to use of the water body proposed to be treated. All such persons have been notified by letter of the proposed pesticide permit. A list of such persons, and the nature of their right to use of the water proposed to be treated is attached. Such letters were mailed or personally delivered on: \_\_\_\_\_ . A copy of the letter is attached.

To my knowledge, no person other than the applicant possesses any vested legal right to use the water body proposed to be treated pursuant to the above-referenced Aquatic Pesticide Permit application.

SIGNED: Marc D Bellard

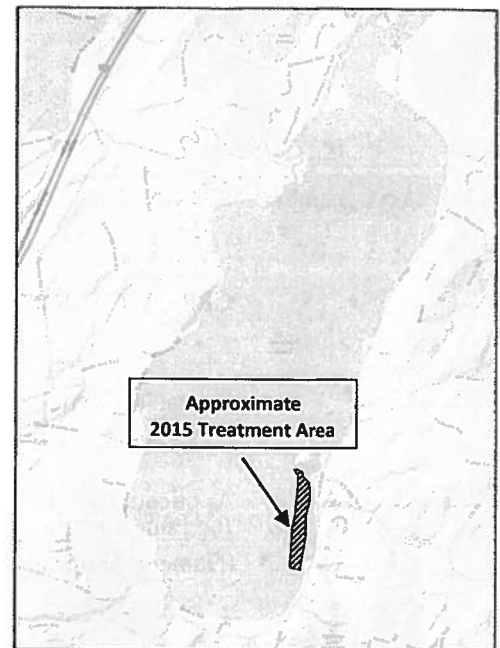
Print or type Name: Marc D. Bellard

DATE: 3/11/15

If applicant is not an individual, relationship to applicant: Applicator / Consultant

Aquatic Control Technology  
 11 John Road  
 Sutton, MA 01590-2509

[Name]  
 [Address]  
 [City, State, Zip Code]



February 27, 2015

Saratoga Lake Riparian Owners:

Saratoga Lake Protection and Improvement District (SLPID) continues to work towards controlling invasive aquatic plants (weeds) in Saratoga Lake. For the 2015 season, SPLID proposes to treat Eurasian watermilfoil and curlyleaf pondweed in the southeast end of the lake immediately south of Snake Hill. Other areas will continue to be managed throughout the summer with the harvesters. Treatment using SonarOne (active ingredient fluridone) herbicide is proposed. Up to 50 acres in the lake may be treated. The final treatment area will be determined following an early season survey. A series of 4-5 low-dose applications spaced 3-4 weeks apart are planned between early May and late July 2015. Tentative treatment dates are: May 1<sup>st</sup>, May 22<sup>nd</sup>, June 12<sup>th</sup>, July 10<sup>th</sup>, and July 31<sup>st</sup>. Fluridone is registered for aquatic weed control by the U.S. Environmental Protection Agency (EPA) and New York State and was successfully used at Saratoga Lake in prior years. Copies of the herbicide specimen label can be accessed on-line at the following websites:

- SonarOne, EPA Reg. No. 67690-45: [http://www.sepro.com/documents/SonarONE\\_Label.pdf](http://www.sepro.com/documents/SonarONE_Label.pdf)

The treatment program will be performed by State licensed aquatic applicators under a permit issued by the New York State Department of Environmental Conservation (DEC). **As a riparian owner/user you have the right to object to the restrictions of water use resulting from the proposed applications which are shown in the table below:**

Water Use Restrictions	Sonar One (fluridone)
Potable Water Intakes	Sonar One cannot be applied in concentrations greater than 20 ppb within ¼ mile of functioning potable (drinking) water intakes*.
Irrigation	Lake water from the treatment area and adjacent areas should not be used for irrigation purposes for 7 days after each application. Where the use of SonarOne treated water is desired for irrigating within 7 days of the treatment: there are no irrigation precautions for irrigating established tree crops, established row crops or turf if a FasTEST immunoassay has determined that concentrations are less than 10 parts per billion. For tobacco, tomatoes, peppers and other plants within the Solanaceae family and newly seeded grasses such as overseeded golf course greens, do not use SonarOne treated water if concentrations are greater than 5 ppb; furthermore, when rotating crops, do not plant members of the Solanaceae family in land that has been previously irrigated with fluridone concentrations in excess of 5 ppb. It is recommended that a SePRO Aquatic Specialist be consulted prior to commencing irrigation of these sites. <b>Do not use</b> treated lake water for hydroponic farming or for irrigating nursery or greenhouse plants until tests show the in-lake fluridone concentrations are <1 ppb.

*\* No more than 20 ppb will be applied during each of the planned applications, but if you have a water intake line in Saratoga Lake and have not previously notified SPLID, you are requested to notify us at the following email address: [JFinn@slpid.org](mailto:JFinn@slpid.org).*

If you wish to object to the proposed treatment you need to send a written notice stating the reasons for your objection to: John Bennett, NYS Department of Environmental Conservation, Region 5, 232 Golf Course Road, Warrensburg, New York 12885, telephone (518) 623-1200. Your notification must be submitted within 21 days of the date of this letter. A lack of response will be considered as consent to the proposed treatment.

Notice of the specific treatment dates will be provided by posting of the lake shoreline, publishing notices in the Saratogian newspaper, and on the following website: [www.slpid.org](http://www.slpid.org). If you wish further information about the treatment or a copy of the product label please contact the following: Joe Finn, Saratoga Lake Protection and Improvement District, email: [JFinn@slpid.org](mailto:JFinn@slpid.org); or the Aquatic Control Technology main office at 508-865-1000 weekdays between 8:00 a.m. and 5:00 p.m.

Sincerely,  
 Ed Dweck, Chairman  
 Saratoga Lake Protection and Improvement District





