

2012 AQUATIC PESTICIDE PERMIT APPLICATION

SARATOGA LAKE

Saratoga Springs & Stillwater, NY

February 2012

Prepared for:

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

Prepared by:

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



AQUATIC CONTROL TECHNOLOGY, INC.

POND AND LAKE MANAGEMENT SPECIALISTS

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 - Renovate 3 product label
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Under Separate Cover

- ◆ Riparian Owner/User Notification
 - Copy of Notice
 - List of Recipients
 - Certification of Mailing

February 14, 2012

John Bennett, Pesticide Control Specialist
 Bureau of Pesticide Management
 NYDEC Region 5 Warrensburg Sub-Office
 232 Golf Course Road
 Warrensburg, NY 12885-0220

Re: Aquatic Herbicide Permit Application and Freshwater Wetlands Permit Application – Saratoga Lake – 2012 Season

Dear Mr. Bennett:

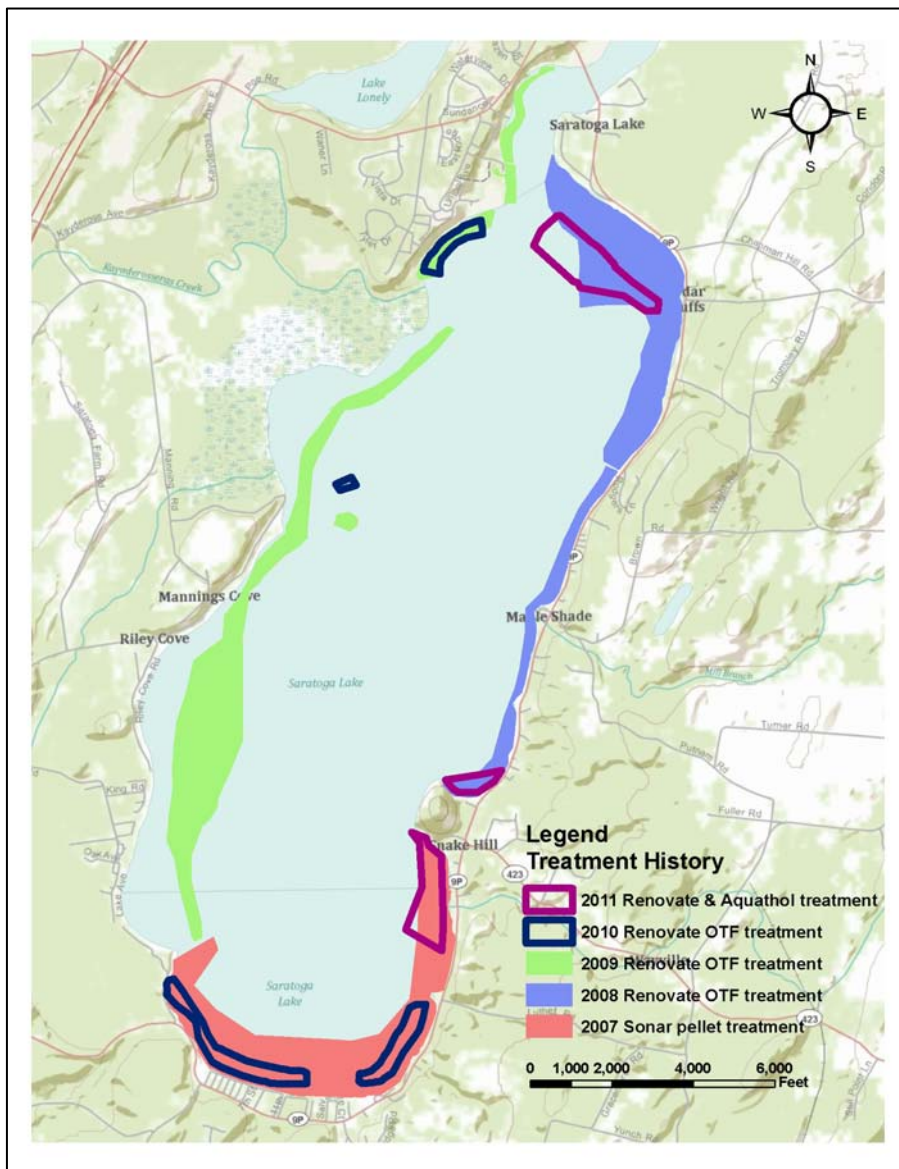
The following was prepared as supplemental information for the Aquatic Pesticide Permit Applications (AQV forms) and Freshwater Wetlands Permit Application (Joint Application for Permit form) for Saratoga Lake in 2012.

Project Applicant / Lead Agency:	Saratoga Lake Protection and Improvement District (SLPID)
Applicant Contact:	Joe Finn, SLPID Commissioner [518- 581-0409 or jfinn14@nycap.rr.com]
Applicator:	Aquatic Control Technology, Inc. / Reg . # 07865 Gerald Smith / Applicator ID# C062471 [508-865-1000 or gsmith@aquaticcontroltech.com] Marc Bellaud / Applicator ID# C0806081 [508-865-1000 or mbellaud@aquaticcontroltech.com]
Lake Manager:	Dean Long, Director of Environmental Planning, The LA Group, P.C. [518-587-8100 or dlong@thelagroup.com]
Requested Treatments:	SLPID is seeking approval for treatment of 100 acres with Renovate OTF (triclopyr) herbicide to selectively control invasive Eurasian watermilfoil (<i>Myriophyllum spicatum</i>), and for treatment of 50 acres with Clearcast 2.7G (imazamox) herbicide to selectively control invasive curlyleaf pondweed (<i>Potamogeton crispus</i>). Treatment is proposed in the southeastern end of the lake. This is a continuation of an ongoing invasive species maintenance treatment program that was initiated in 2007. The treatment area will finalized following a pre-treatment survey May 2012. Preliminary treatment areas based on the Eurasian watermilfoil distribution mapped by the Darin Fresh Water Institute in August 2011 are shown on Figure 1. The treatment protocol calls for a surface application of granular herbicides throughout the treatment area. Both products will be applied on the same day. Low application rates are proposed to selectively control the targeted invasives, reduce impacts to native species and limit associated water use restrictions. Renovate OTF will be applied at 0.5 ppm and Clearcast 2.7G will be applied at 50 ppb.

SUMMARY OF RECENT TREATMENTS

A multiple-year, sequential herbicide treatment program targeting control of all of the dense Eurasian watermilfoil (EWM) beds in Saratoga Lake was initiated during the 2007 season. The following treatments have been performed since that time:

Year	acres treated	location	herbicide applied
2007	158 acres	south end	Sonar PR & Q (fluridone pellets)
2008	292 acres	northeast and east shore	Renovate OTF (triclopyr granular)
2009	285 acres	northwest and west shore	Renovate OTF (triclopyr granular)
2010	50 acres	various locations	Renovate OTF (triclopyr granular)
2011	100 acres	east shore – three locations	Renovate 3 (triclopyr liquid) and Aquathol K (endothall liquid) combination



The 2007 Sonar pellet treatment was effective, but it was not expected to be as effective in other areas of the lake due to dilution. Renovate OTF was effectively used for Eurasian watermilfoil (EWM) control from 2008 – 2010.

By 2010 it was evident that curlyleaf pondweed (CLP) densities were increasing in areas that were previously dominated by EWM. In 2011 a combination treatment using Renovate and Aquathol K was performed to target both EWM and CLP growth. This herbicide combination has undergone extensive study and use in the Midwest for control of these two invasive species. The treatment was very effective at controlling CLP growth. EWM control was good near Snake Hill on the southeast shoreline, but efficacy was reduced by Franklin Beach in the northeast corner due to excessive dilution and mixing with untreated water.

PROPOSED TREATMENT PROGRAM FOR 2012

In 2012, treatment of up to 100 acres with Renovate OTF (triclopyr granular) and treatment of up to 50 acres with Clearcast 2.7G (imazamox granular) is proposed for the southeast corner of the lake. EWM is recovering to nuisance densities along a significant portion of the southern shoreline and CLP has been growing to nuisance densities in this area in recent years.

Renovate OTF has demonstrated its effectiveness in past years at Saratoga Lake. In 2012, we are proposing a lower application rate (0.5 ppm) which should be effective for a large block treatment. Clearcast 2.7G was newly registered in 2011 and it has a very favorable toxicology profile. Results seen on other lakes showed that it is very effective on CLP at low application rates. The use of granular formulations of herbicide is recommended to deliver the herbicide to the bottom and allow for herbicide absorption and uptake in the lower portions of the plants. Using the granular formulations should also help reduce the effects of dilution.

Treatment is proposed for the mid-late May period. Specific objectives of the proposed treatment protocol include:

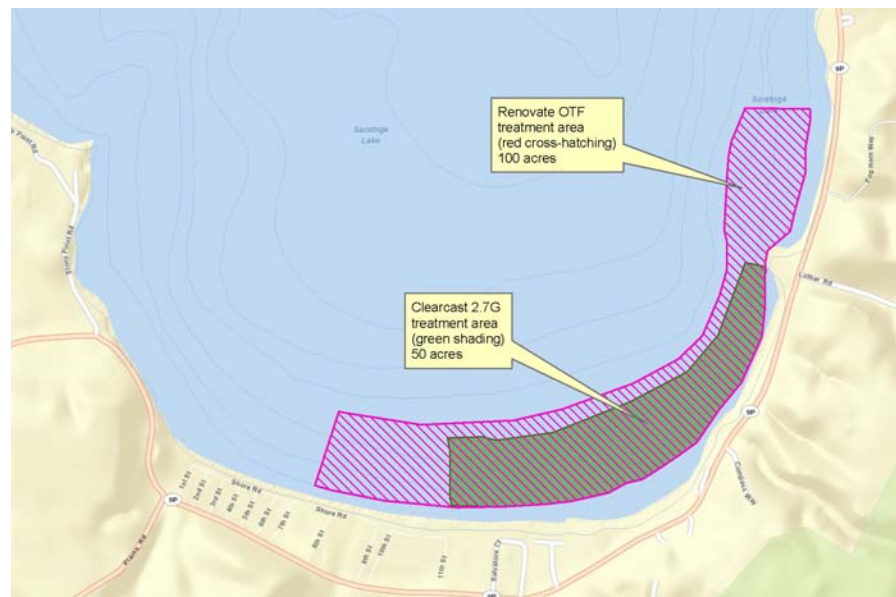
- Control of CLP before significant axillary turion production has occurred,
- Reduced impacts on slower-growing native species,
- Reduced lake and lake water user conflicts from the temporary water use restrictions that will be imposed following treatment, and
- Shortened water use restriction periods following treatment due to the lower herbicide concentrations being used.

Freshwater Wetlands

We expect that a Freshwater Wetlands Permit will be required for the 2011 treatment program due to the proximity of treatment to the State-regulated Freshwater Wetland ME-8 located along the southeast shoreline. We do not believe that impacts to these adjacent wetlands will be significant since the herbicides proposed for use will be highly selective for EWM and CLP and most of the native plant species found throughout the treatment area will be preserved.

Chemical Treatment Protocol - 2012

Approval is requested for treatment up to a 100-acre area in the southeast corner of the lake. The entire 100 acres will be treated with Renovate OTF with the triclopyr and endothall herbicide combination. Preliminary Treatment Areas have been established based on the post-treatment conditions observed in 2011 and findings of DFWI's 2011 survey. A map of the Preliminary Treatment Areas is attached (Figure 1). The final location of treatment areas may be adjusted following a pre-treatment survey in early May 2012, but the total treatment area will not exceed 100 acres.



Details on the proposed treatment approach are provided below:

Area to be Treated	<p>Renovate OTF – 100 acres in southeast corner Clearcast 2.7G – 50 acres in southeast corner (within the Renovate OTF treatment area)</p> <p>Final locations may be adjusted following pre-treatment survey to be performed in early May 2012.</p>
Herbicides	<p>Renovate OTF / <u>EPA Reg. No.:</u> 67690-42; SLN NY-070004 <u>Active Ingredient:</u> triclopyr: 3,5,6-trichloro-2-pyridinyloxyacetic acid, triethylamine salt 14%; triclopyr acid equivalent 10%</p> <p>Clearcast 2.7G / <u>EPA Reg. No.:</u> 241-439-67690 <u>Active Ingredient:</u> imazamox 2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1 H-imidazol-2-yl]-5-(methoxymethyl)-3-pyridinecarboxylic acid 2.7%</p>
Application Rates	<p>An average depth of 7-feet was used for the two treatment plots and for the herbicide application rates/dose calculations.</p> <p><u>Renovate OTF</u></p> <ul style="list-style-type: none"> ▪ 0.5 ppm or 94.5 lbs/acre ▪ 9,450 lbs for 100 acres <p><u>Clearcast 2.7G</u></p> <ul style="list-style-type: none"> ▪ 50 ppb or 35 lbs/acre ▪ 1,750 lbs for 50 acres
Treatment Timing	<p>Treatment in mid-late May 2012 is proposed. A tentative date of Wednesday, May 23rd is planned.</p> <p>Treatment is recommended early in the growing cycle when targeted EWM and CLP plants are more susceptible to impacts from the proposed herbicide combination, but once there is enough actively growing plant tissue to insure that sufficient herbicide absorption will occur. This timing should still control CLP before significant turion formation has occurred and should limit lake user conflicts with the temporary water use restrictions that will be imposed following treatment.</p>
Method of Application	<p>The solid (granular) formulations will be evenly applied using the eductor spray system used in recent years or calibrated cyclone spreader mounted in the sprayboats.</p> <p>It is expected that one or possibly two conventional work skiffs powered by outboard motors will be used for this herbicide application and that the treatment will be completed during one work day.</p> <p>The treatment boat(s) will be equipped with DGPS/WAAS system to provide real-time navigation and to insure that the herbicide is evenly applied throughout the designated treatment areas.</p>
Staging Area / Base of Operations	<p>Either the ramp located at the 9P bridge at the north end of the lake or the South Shore Marina will serve as the boat launch and base of operations for the herbicide treatment. The herbicide will be brought to the lake on the day of treatment in a truck and/or trailer and nothing will be stored on site.</p> <p>All of the herbicide bags will be collected and returned to Aquatic Control's Sutton, MA facility for proper recycling and disposal.</p>
Herbicide Residue Monitoring	<p>Up to three rounds of water samples will be collected from locations inside and outside of the treatment area for immunoassay analysis of triclopyr residues following treatment. SLPID members will be trained on how to properly collect and ship the samples. Additional monitoring will be performed as required.</p>

<p>Post-Treatment Vegetation Surveys</p>	<p>DFWI will be contracted to perform a point-intercept aquatic plant survey similar to what they have completed in recent years. Survey work will occur in August and September, which will correspond with timing of previous surveys.</p>
<p>Water Use Restrictions and Notification</p>	<p>The temporary water use restrictions listed on the Specimen Label and the New York Special Local Needs (SLN) Label for Renovate OTF and those found on the Clearcast 2.7G Specimen Label will be complied with, as follows:</p> <p><u>Potable/Domestic Water</u> - There are not believed to be any potable water intakes located within the setback distances listed on the Specimen Labels and the SLN Label.</p> <p>According to the SLN label for Renovate OTF, the minimum setback distance for treatment of 100 acres at 0.5 ppm would be 4,100 feet. The intakes identified along Manning Cove Road on the west shore in 2011 are more than 9,000 feet away from the treatment area.</p> <p>There are no potable water restrictions associated with the use of Clearcast 2.7G at application rates at or below 50 ppb.</p> <p>As was the case in past years, all abutting property owners to the lake will receive a notice of the proposed treatment program and will be asked to contact SLPID immediately if they use water from the lake for potable/domestic purposes. Per the label instructions, treated lake water should not be used for domestic/potable purposes until the triclopyr and imazamox concentrations are determined to be below 50 ppb.</p> <p><u>Irrigation</u> – The only irrigation restriction on the Clearcast 2.7G label when applying ≤ 50 ppb is not to irrigate greenhouses, nurseries or hydroponics. Use of treated lake water for irrigation is restricted until the triclopyr concentration drops to <1 ppb. There is no restriction on the use of Renovate OTF treated water to irrigate established grasses.</p> <p><u>Swimming</u> - The NY SLN Label requires a “3-hour” restriction on swimming in areas treated with Renovate OTF. All treatment areas will be closed to swimming for the entire day of treatment.</p> <p>There are no other water use restrictions listed on the product label, but we intend to comply with any specific conditions imposed by DEC</p> <p><u>Notification</u> – All riparian owners located around Saratoga Lake received a notice by direct mail with the following language:</p> <p>“The anticipated restrictions on water use that will result from the proposed application will be: <u>Swimming</u> – treated areas will be closed for the day of treatment; <u>Irrigation</u> – lake water cannot be used for irrigation purposes until testing shows that the in-lake triclopyr concentrations are less than 1 ppb, which is expected to take 4-6 weeks, but there is no restriction on use of treated water to irrigate established grasses, do not use Clearcast treated water to irrigate greenhouses, nurseries or hydroponics, other areas may be irrigated 24 hours after treatment; and <u>Potable/Domestic Water</u> – treated lake water cannot be used as a potable/domestic water source for 14 days and until the in-lake triclopyr concentrations are <50 ppb.”</p> <p>Notification of the specific dates of treatment will occur through posting of the shoreline, placing notices in the Saratogian newspaper, and posting dates on the SLPID and SLA websites.</p>

SUMMARY

The Renovate OTF and Clearcast 2.7G herbicide treatment program proposed for the 2012 season is expected to provide selective control of two aquatic invasive species in Saratoga Lake, Eurasian watermilfoil and curlyleaf pondweed. While the treatments performed in prior years have proven to be effective, the 2012 program is seeking to further refine product selection, treatment rates and treatment timing in order to achieve the most selective control using the lowest practical application rates. Use of the granular formulations will be critical to the success of future treatment programs in areas that are subject to rapid dilution with untreated water.

SLPID remains committed to an integrated management program at Saratoga Lake to control invasive aquatic weeds. In addition to herbicide treatments, SLPID continues to perform limited winter drawdown and continues to fund and operate a large-scale mechanical harvesting program. Due to the lake-wide reduction of EWM the scope of the harvesting program has shifted in recent years to control of native plants. Since control of EWM is no longer the primary target of the harvesting program, harvester operators have modified their protocol, cutting to a depth of 2-3 ft as opposed to the standard 5 depth used for EWM control. Native plants grow slower than EWM; thus by reducing the depth to which the plants were cut SLPID was able to increase the rate of harvesting without sacrificing the efficacy of the cut, and reduce impacts to the overall native plant population.

If additional information is required to process this permit application, please let us know at your earliest convenience and we will prepare submit the requested material immediately. Please do not hesitate to contact me directly if you have any questions or require additional information.

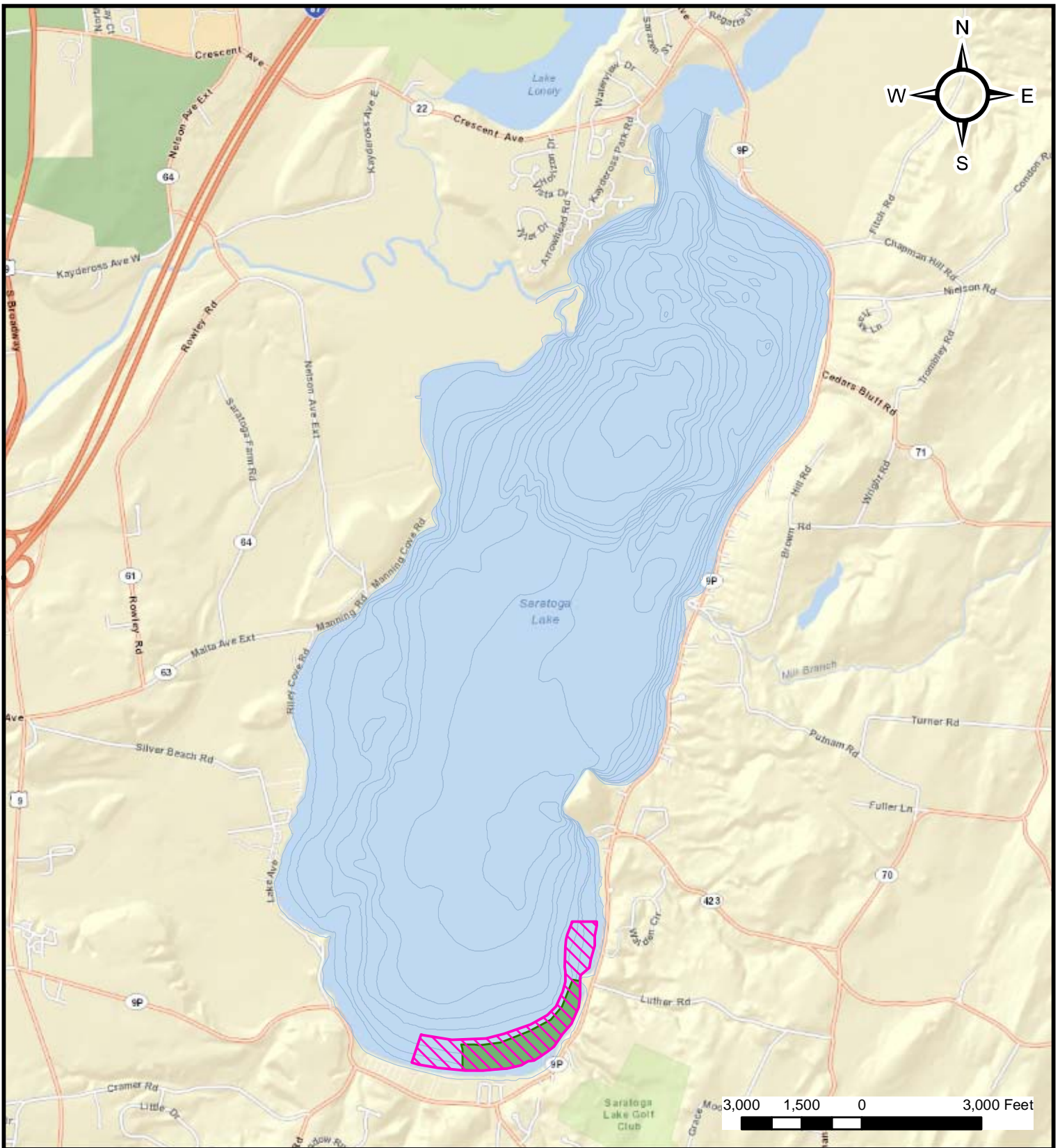
Sincerely,

AQUATIC CONTROL TECHNOLOGY, INC.

Marc Bellaud
VP/Aquatic Biologist

Enclosures




cc: Joe Finn, SLPID Commissioner
Dean Long, Director of Environmental Planning, The LA Group, P.C.



SARATOGA LAKE

Preliminary 2012
Treatment Areas

Legend

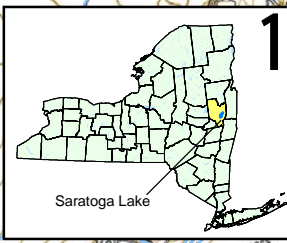
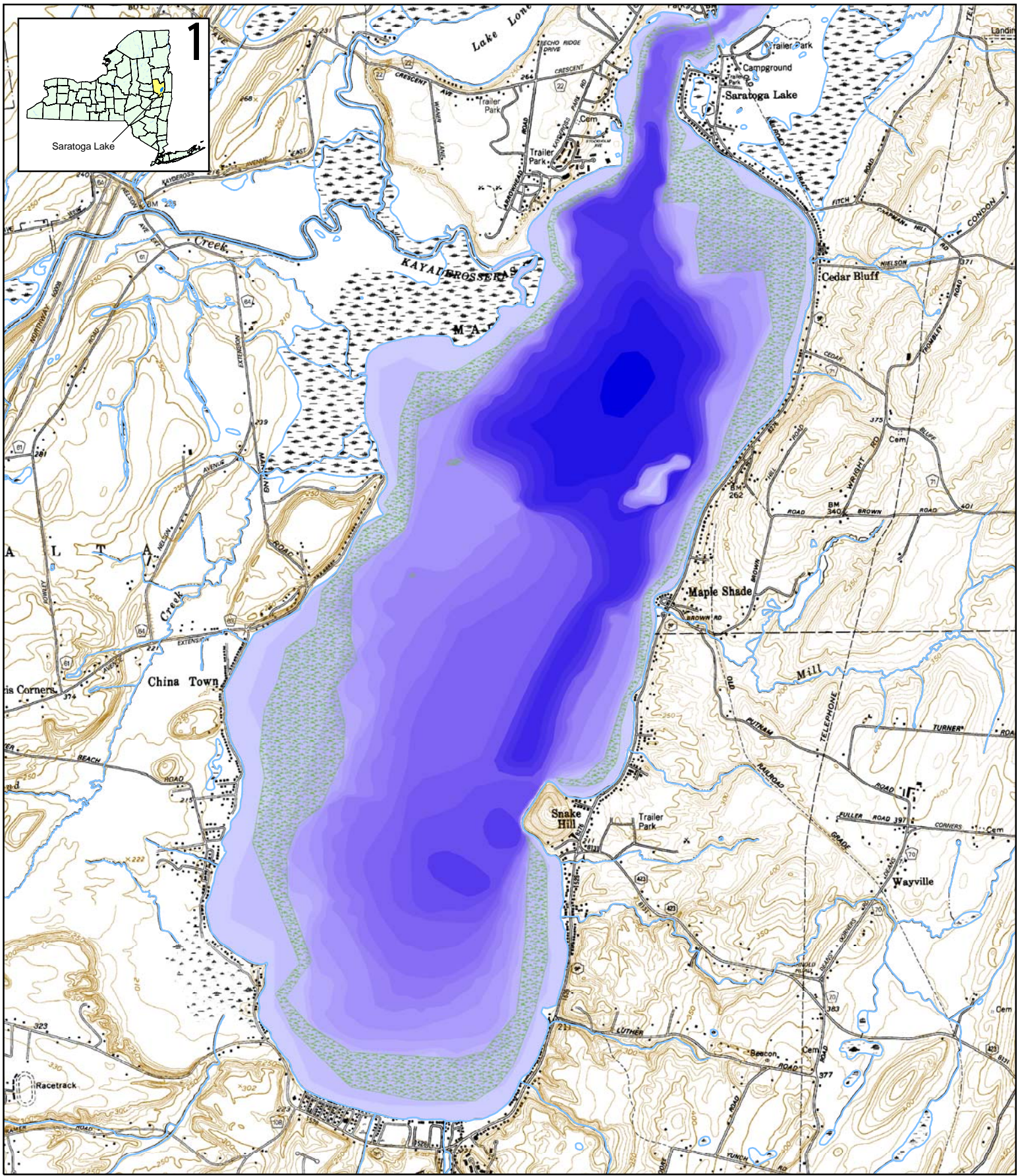
-  Renovate OTF treatment area (100 acres)
-  Clearcast 2.7G treatment area (50 acres)
-  3-foot bathymetric contours



11 JOHN ROAD
SUTTON, MASSACHUSETTS 01590
PHONE: (508) 865-1000
FAX: (508) 865-1220
WEB: WWW.AQUATICCONTROLTECH.COM



FIGURE:	SURVEY DATE:	MAP DATE:
2012_1	10/2011	02/13/12



Saratoga Lake
 Updated Bathymetric Contours
 Figure 2

SCALE:	DATE:	PROJECT:
1 : 18,000	March 2005	ACT Saratoga

Legend:

Bathymetry (2004)

0 - 3	19 - 21	37 - 39	84 - 93
4 - 6	22 - 24	40 - 43	
7 - 9	25 - 27	44 - 53	
10 - 12	28 - 30	54 - 63	
13 - 15	31 - 33	64 - 73	
16 - 18	34 - 36	74 - 83	

Eurasian watermilfoil beds mapped by DFWI Aug. 2004

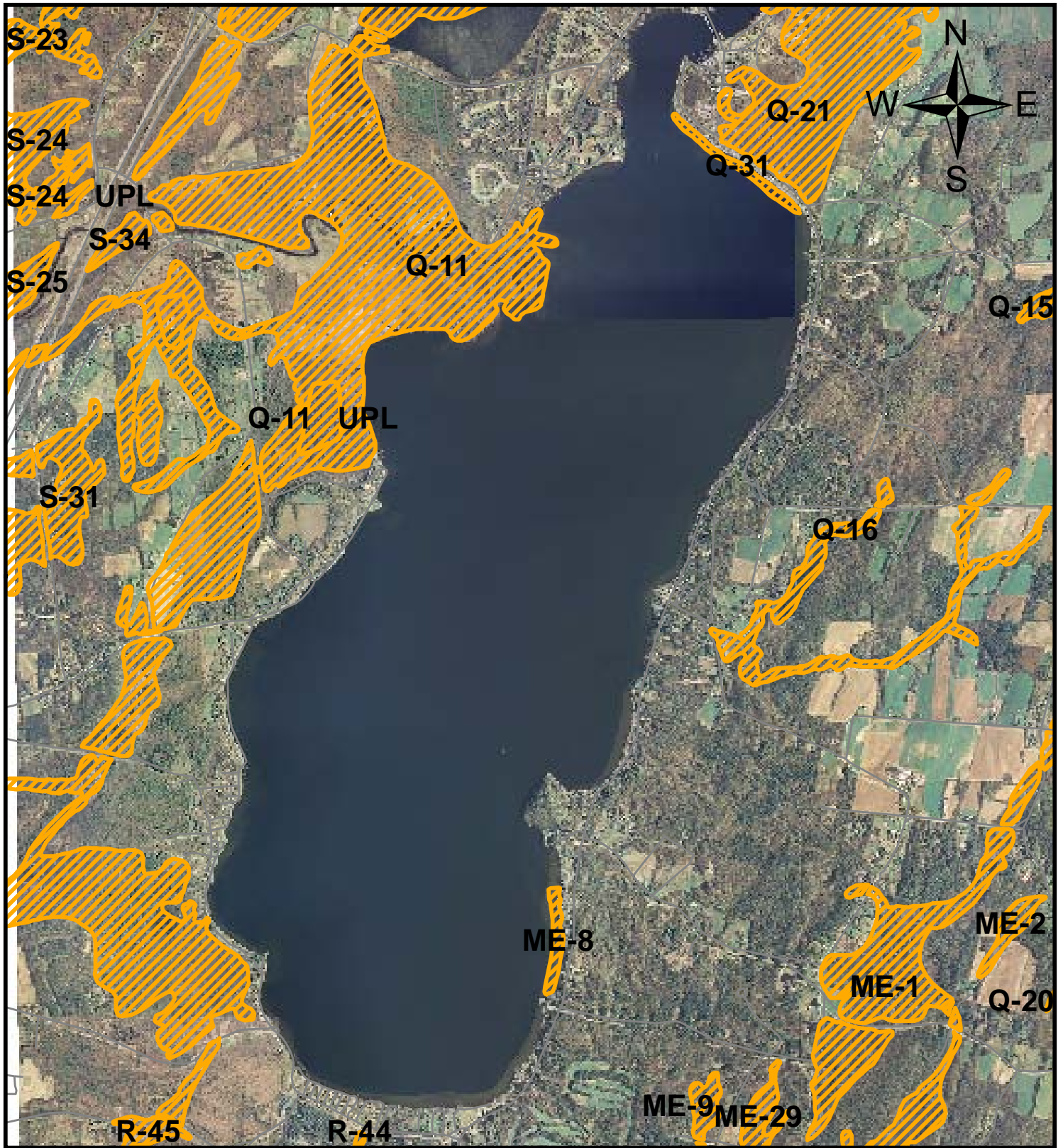
Universal Transverse Mercator Coordinate system
 Zone 18 North, North American Datum 1927

2,200 1,100 0 2,200
 Feet

AQUATIC CONTROL TECHNOLOGY, INC.
 POND AND LAKE MANAGEMENT SPECIALISTS

11 JOHN ROAD
 SUTTON, MASSACHUSETTS 01590
 PHONE: (508) 865-1000
 FAX: (508) 865-1220
 WEB: WWW.AQUATICCONTROLTECH.COM

animasgeographictechnology
 WWW.ANIMASGEOTECH.COM



SARATOGA LAKE
NYS Freshwater Wetlands Map

FIGURE:	SURVEY DATE:	MAP DATE:
3	--	3/15/10

Legend:

NYS Freshwater Wetlands

3,500 1,750 0 3,500 Feet

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SUTTON, MASSACHUSETTS 01590
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FAX: (508) 865-1220
WEB: WWW.AQUATICCONTROLTECH.COM



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS MATERIALS ● BUREAU OF PESTICIDES MANAGEMENT

www.dec.ny.gov

TITLE 6 NEW YORK CODE OF RULES AND REGULATIONS PART 327 AND 328

APPLICATION FOR A PERMIT TO USE A PESTICIDE FOR THE CONTROL OF AN AQUATIC PEST

APPLICATION MUST BE SUBMITTED 3 MONTHS BEFORE PROPOSED TREATMENT
REFER TO INSTRUCTION SHEET AND CHECKLIST FOR MORE INFORMATION

FOR DEPARTMENT USE ONLY	
Application Number	_____
Water Body Name	_____
Date Received	_____
Application Fee Receipt Number	_____
Type of Application	_____
New ____ Repeat ____ Previous #	_____

- Check type of application: New _____ ; Repeat _____
If, repeat application , prior Permit Number: _____
- Name of Applicant: _____
- Name and Title of Authorized Person signing the Application
(if Block # 2 is an organization): _____
- Applicant street address: _____
- Applicant mailing address : _____
- Telephone Number: (_____) _____
- Is the applicant a (check): Riparian Owner _____ ; Lessee _____ ; Association of Riparian Owners/Lessees _____ ;
NYS Department of Environmental Conversation representative _____ ; Other (specify) _____
- Name of Water body: _____ 9. Township of water body: _____ 10. County of water body: _____
- Purpose of treatment (Specific species to be controlled): _____
- Uses of water proposed for treatment (check): Swimming _____ ; Irrigation _____ ; Watering Livestock _____ ; Public Water
Supply _____ ; Private Water Supply _____ ; Fishing _____ ; Other (specify) _____
- Total acreage of water body: _____ 14. Acres/Acre Feet to be treated: _____ 15. Number of areas in water body to be treated: _____
- Does the water body have an outlet?: Yes ___ No ___ (Note: the outlet location must be shown on the detailed map of the water body).
- If "yes" to question 16, can applicant control water level during and for the required period of time after treatment?: Yes ___ ; No ___
- If "yes" to question 17, how will water flow be held?(draw down study must be attached): _____
If "no" to question 17, give estimated flow during time of treatment in CFS _____ AND attach outflow study.
- If applicable: Number of streams proposed for treatment: _____ Miles of streams to be treated: _____
- Name and location of any public and private water supply intakes within the treatment area

NOTE: All public and private water supply intakes must be located on the detailed map.

- Are there any regulated freshwater or tidal wetlands in the water body or streams?: Yes _____ ; No _____ ; Unknown _____
NOTE: If known, all regulated freshwater and tidal wetlands must be located on the detailed map.
- Are Fish Present? Yes _____ ; No _____ . Are they stocked by the State? Yes _____ ; No _____
- Pesticide Requested (Product Name): _____

24. Active ingredient: _____ 25. % Active ingredient: _____

26. EPA Registration Number: _____ 27. Application rate: _____

28. Total amount of product per application: _____

29. Proposed Date (s) of treatment (month/day/year): _____

30. Method of application: _____ 31. Type of application equipment: _____

32. If the proposed treatment involves an aircraft, indicate FAA Number(s): _____

33. Riparian owners/users in the vicinity of the treated area and along the outlet stream(s), who may be required to restrict their usage as a result of the treatment, must be notified of the treatment.

Has proper notification been completed: Yes ____ ; Pending ____ . If yes, When? _____ ; How? _____

If 21day comment period has expired: Approved of your plans ? Yes ____ ; No ____ . Agreed to restrictions? Yes ____ ; No ____

34. Are there or will there be other applications proposing to treat this water body or stream system this year?: Yes ____ ; No ____

If "yes", indicate who will be making the treatments: _____ ; proposed date(s) of treatment: _____

specify products proposed for use: _____

35. Name of pesticide Business/Agency performing application: _____

36. Address: _____ City: _____ State: _____ Zip Code: _____

37. Business/Agency Registration Number: _____

38. Name of Certified Applicator performing the application: _____

39. a. Certified Applicator Identification Number: _____ b. Certified Applicator Telephone Number: _____

40. Are any other aquatic pest management control practices being employed to control the target pest problem? Yes ____ ; No ____

Please Describe (attach additional sheets if necessary):

AFFIRMATION:

The applicant/applicator guarantees that he will employ the listed pesticides in conformance with all conditions of the permit and agrees to accept the following conditions as a prerequisite to the issuance of a permit: that the issuance of the permit is based on the accuracy of all statements presented by the applicant/applicator; that damage resulting from the inaccuracy of any computations, improper application of the pesticide, or legal responsibility for the representations made in obtaining approvals or releases, or the failure to obtain approvals or releases from the riparian owners/users likely to be affected is the sole responsibility of the applicant/applicator.

I hereby affirm under penalty of perjury that information on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class "A" misdemeanor pursuant to Section 210.45 of the Penal Law.

41. Signature of Individual in Item 2 or 3 above: _____ Title: _____ Date: _____

42. Signature of Representative of Applicator: _____ Title: _____ Date: _____

Renovate[®] OTF

Aquatic Herbicide



SPECIMEN

Aquatic Sites: For control of emersed, submersed and floating aquatic weeds in the following aquatic sites: ponds; lakes; reservoirs; marshes; wetlands; impounded rivers, streams and other bodies of water that are quiescent; non-irrigation canals, seasonal irrigation waters and ditches which have little or no continuous outflow.

For use in New York State, comply with Section 24(c) Special Local Need labeling for Renovate OTF, SLN NY-070004

Active Ingredient

triclopyr: 3,5,6-trichloro-2-pyridinyloxyacetic acid,
triethylamine salt[†]..... 14.0%

Other Ingredients..... 86.0%

TOTAL..... 100.0%

[†]Acid equivalence: triclopyr - 10.0%

Keep Out of Reach of Children
CAUTION / PRECAUCIÓN

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.)

Refer to inside of label booklet for additional precautionary information and Directions for Use Including Storage and Disposal Information.

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.**

AGRICULTURAL CHEMICAL: Do not ship or store with food, feeds, drugs or clothing.

Renovate is a registered trademark of Dow AgroSciences LLC.
SePRO Corporation 11550 North Meridian Street, Suite 600
Carmel, IN 46032 U.S.A.

FIRST AID

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

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
In case of emergency endangering health or the environment involving this product, call **INFOTRAC** at **1-800-535-5053**.

EPA Reg. No. 67690-42
FPL070910

Aquatic Herbicide

Net contents

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Causes moderate eye irritation. Avoid contact with eyes or clothing.

Keep Out of Reach of Children

CAUTION / PRECAUCIÓN

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.)

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside, then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

Under certain conditions, treatment of aquatic weeds can result in oxygen depletion or loss due to decomposition of dead plants, which may cause fish suffocation. Therefore, to minimize this hazard do not treat more than one-half (½) of the water area in a single operation and wait at least 10 days between treatments when susceptible plants are mature and have grown to the water's surface, or when the treatment would result in significant reductions in total plant biomass. Begin treatment along the shore and proceed outwards in bands to allow fish to move into untreated areas. Waters having limited and less dense weed infestations may not require partial treatments.

AGRICULTURAL CHEMICAL: Do not ship or store with food, feeds, drugs or clothing.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

GENERAL INFORMATION

When applying this product follow all applicable use directions, precautions and limitations.

For Aquatic and Wetland Sites:

Use Renovate® OTF herbicide for control of emerged, submersed and floating aquatic weeds in the following aquatic sites: ponds; lakes; reservoirs; marshes; wetlands; impounded rivers, streams and other bodies of water that are quiescent; non-irrigation canals, seasonal irrigation waters and ditches which have little or no continuous outflow. Renovate OTF is formulated on biodegradable granules that, when applied to water bodies, immediately deliver Renovate OTF down to the critical area for controlling target weeds.

Obtain Required Permits: Consult with appropriate state or local pesticide and/or water authorities before applying this product in or around public waters. Permits and posting or treatment notification may be required by state or local public agencies.

Recreational Use of Water in Treatment Area: There are no restrictions on use of water in the treatment area for recreational purposes, including swimming and fishing.

Livestock Use of Water from Treatment Area: There are no restrictions on livestock consumption of water from the treatment area.

GENERAL USE PRECAUTIONS AND RESTRICTIONS

- For use in New York State, comply with Section 24(c) Special Local Need labeling for Renovate® OTF, SLN NY-070004.
- Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.
- **Chemigation:** Do not apply this product through any type of irrigation system.
- Do not apply to tidal salt water bays or estuaries.
- Do not apply directly to un-impounded rivers or streams.
- Do not apply where runoff water may flow onto agricultural land as injury to crops may result.

APPLICATION TO WATERS USED FOR IRRIGATION

Irrigation Restrictions

- Do not use treated water for irrigating greenhouse or nursery plants unless triclopyr concentrations are confirmed to be less than 1 ppb by laboratory analysis, or other appropriate means of analysis.
- Do not use water treated with Renovate OTF for hydroponic farming.
- Do not apply Renovate OTF directly to, or otherwise permit it to come into direct contact with grapes, tobacco, vegetable crops, flowers, or other desirable broadleaf plants, and do not permit dust to drift into these areas.
- This label describes both required and recommended uses of a chemical analysis for the active ingredient, triclopyr. SePRO Corporation recommends the use of an Enzyme-Linked Immunoassay (ELISA) test for the determination of the active ingredient concentration in water. Contact SePRO Corporation for the incorporation of this analysis in your treatment program. Other proven chemical analysis for the active ingredient may also be used. The ELISA analysis is referenced in this label as the preferred method for the rapid determination of the concentration of the active ingredient in the water.
- **Non-Food Crop Irrigation:** There is no restriction on use of treated water to irrigate established grasses. If treated water is intended to be used to irrigate other non-crop areas not labeled for direct treatment with triclopyr (e.g., landscape ornamentals) or for other irrigation uses not described, consult with SePRO Corporation prior to commencing irrigation if triclopyr concentrations exceed 1.0 ppb.
- **Food Crop Irrigation:** Water treated with Renovate OTF may not be used for crop or food-crop irrigation purposes for 120 days after application or until triclopyr concentrations are determined by laboratory analysis, or other appropriate means of analysis, to be 1.0 ppb or less. These restrictions apply to all applications of Renovate OTF where water could be used for irrigation of crops or food-crops, including:
 - o Seasonal Irrigation Waters: Renovate OTF may be applied during the off-season to surface waters that are used for irrigation on a seasonal basis.
 - o Irrigation Canals/Ditches: Those currently being used to transport irrigation water or that will be used for irrigation within 120 days following treatment

APPLICATIONS TO POTABLE WATER SOURCES

For applications of Renovate OTF to control floating, emersed, and submersed weeds in sites that contain a functioning potable water intake for human consumption, see Table 1 to determine the minimum setback distances of the application from the functioning potable water intakes.

TABLE 1

CONCENTRATION OF TRICLOPYR ACID IN WATER (PPM AE)

Area Treated (acres)	0.75 ppm	1.0 ppm	1.5 ppm	2.0 ppm	2.5 ppm
	Required Setback Distance (ft) from Potable Water Intake				
< 4	300	400	600	800	1,000
> 4 - 8	420	560	840	1,120	1,400
> 8 - 16	600	800	1,200	1,600	2,000
> 16 - 32	780	1,040	1,560	2,080	2,600
> 32 acres, calculate a setback using the formula for the appropriate rate	Setback (ft) = (800 * ln (acres) - 160)/3.33	Setback (ft) = (800 * ln (acres) - 160)/2.50	Setback (ft) = (800 * ln (acres) - 160)/1.67	Setback (ft) = (800 * ln (acres) - 160)/1.25	Setback (ft) = (800 * ln (acres) - 160)

Note: ln = natural logarithm

Example Calculation 1: to apply 2.5 ppm Renovate OTF to 50 acres:

$$\begin{aligned} \text{Setback in feet} &= (800 \times \ln (50 \text{ acres})) - 160 \\ &= (800 \times 3.912) - 160 \\ &= 2,970 \text{ feet} \end{aligned}$$

Example Calculation 2: to apply 0.75 ppm Renovate OTF to 50 acres:

$$\begin{aligned} \text{Setback in feet} &= \frac{(800 \times \ln (50 \text{ acres})) - 160}{3.33} \\ &= \frac{(800 \times 3.912) - 160}{3.33} \\ &= 892 \text{ feet} \end{aligned}$$

NOTE: Existing potable water intakes which are no longer in use, such as those replaced by potable water wells or connections to a municipal water system, are not considered to be functioning potable water intakes.

To apply Renovate OTF around and within the distances noted above from a functioning potable water intake, the intake must be turned off until the triclopyr level in the intake water is determined to be 0.4 parts per million (ppm) or less by laboratory analysis, or other appropriate means of analysis.

BEST MANAGEMENT PRACTICES FOR DRIFT MANAGEMENT

Equipment used in the application of Renovate OTF should be carefully calibrated to ensure it is working properly and delivering a uniform distribution pattern. Make aerial application only when the wind velocity is 2 to 10 mph.

Applications may be made only when there is little or no hazard for volatility or dust drift, and when application can maintain Renovate OTF placement in the intended area. Very small quantities of dust, which may not be visible, may seriously injure susceptible plants, and Renovate OTF may be blown outside of the intended treatment area under extreme conditions. Do not spread Renovate OTF when wind is blowing toward susceptible crops or ornamental plants that are near enough to be injured.

Avoiding drift at the application site is the responsibility of the applicator. The interaction of many equipment and weather related factors determine the potential for drift. The applicator is responsible for considering all these factors when making decisions.

Ground Application Equipment: To aid in reducing drift, Renovate OTF may be applied when wind velocity is low (follow state regulations; see *Sensitive Area* under *Aerial Drift Reduction Advisory* below) or using a slurry injection or eductor system.

AERIAL DRIFT REDUCTION ADVISORY

This section is advisory in nature and does not supersede the mandatory label requirements.

Application Height: Applications should not be made at a height greater than 10 feet above the top of the largest plants unless a greater height is required for aircraft safety. Making applications at the lowest height that is safe reduces drift potential.

Swath Adjustment: When applications are made with a crosswind, the swath will be displaced downwind. Therefore, on the up and downwind edges of the field, the applicator must compensate for this displacement by adjusting the path of the aircraft upwind. Swath adjustment distance should increase, with increasing drift potential (e.g. higher wind).

Wind: Drift potential is lowest between wind speeds of 2 - 10 mph (follow state regulations). However, many factors, including equipment type, determine drift potential at any given speed. Application should be avoided below 2 mph due to variable wind direction and high inversion potential. NOTE: Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect drift.

Sensitive Areas: Renovate OTF should only be applied when the potential for drift to adjacent sensitive areas (e.g., residential areas, known habitat for threatened or endangered species, non-target crops) is minimal (e.g., when wind is blowing away from the sensitive areas).

AQUATIC WEEDS CONTROLLED BY RENOVATE OTF

alligatorweed	milfoil species	white water lily (<i>Nymphaea</i> spp.)
American lotus	parrotfeather ^{††}	water primrose (<i>Ludwigia</i> spp.)
bladderwort	pickerelweed	watershield (<i>Brasenia</i> spp.)
Eurasian watermilfoil	pennywort	yellow water lily (<i>Nuphar</i> spp., spatterdock)
Flowering rush	smartweed	
hybrid milfoil (<i>Myriophyllum spicatum x sibiricum</i>)	water chestnut ^{†, ††}	

† Not for use in California

†† Retreatment may be needed to achieve desired level of control.

APPLICATION METHODS

Surface Application

Use a mechanical spreader such as a fertilizer spreader, blower or mechanical seeder, or similar equipment capable of uniformly applying Renovate OTF. Before spreading any product, carefully calibrate the application equipment. When using boats and power equipment, you must determine the proper combination of (1) boat speed, (2) rate of delivery from the spreader, and (3) width of swath covered by the granules.

Use the following formula to calibrate the spreader's delivery in pounds of Renovate OTF per minute:

$$\text{Pounds per Minute} = \frac{\text{miles per hour} \times \text{swath width (feet)} \times \text{pounds per acre}}{495}$$

Aerial Application (Helicopter Only)

Ensure uniform application. All equipment should be properly calibrated using blanks with similar physical characteristics to Renovate OTF. To avoid streaked, uneven or overlapped application, use an appropriate tracking device (e.g. GPS). Refer to the *Aerial Drift Reduction Advisory* section of this label for additional precautions and instructions for aerial application.

Floating and Emerged Weeds

For control of water lily's (*Nymphaea* spp. and *Nuphar* spp.), watershield (*Brasenia* spp.), and other susceptible emerged and floating herbaceous weeds, apply 1.0 to 2.5 ppm a.e. triclopyr per acre. Apply when plants are actively growing.

Use higher rates in the rate range when plants are mature, when the weed mass is dense, in areas of greater water exchange, or for difficult to control species. Repeat as necessary to control regrowth, but do not exceed a total of 2.5 ppm a.e. triclopyr for the treatment area per annual growing season.

Submersed Weeds

For control of Eurasian watermilfoil (*Myriophyllum spicatum*) and other susceptible submersed weeds, select the rates of Renovate OTF according to Table 2 to provide a triclopyr concentration of 0.50 to 2.5 ppm a.e. in treated water. Use of higher rates in the rate range is recommended in areas of greater water exchange. These areas may require a repeat application. Split treatments over relatively short periods of time (e.g., 1 to 4 days) may be effective in some areas (e.g. small sites or sites with higher dilution potential) to maintain adequate exposure with target plants. However, total application of Renovate OTF must not exceed an application rate of 2.5 ppm a.e. triclopyr for the treatment area per annual growing season.

For optimal control, apply when Eurasian watermilfoil or other submersed weeds are actively growing.

TABLE 2						
CONCENTRATION OF TRICLOPYR ACID IN WATER (PPM A.E.)						
Average Water Depth (ft)	0.5 ppm.126	0.75 ppm	1.0 ppm	1.5 ppm	2.0 ppm	2.5 ppm
	Pounds Renovate OTF/Acre					
1	14	20	27	41	54	67
2	27	41	54	81	108	135
3	41	61	81	122	162	202
4	54	81	108	162	216	270

For applications greater in depth than 4 feet, when targeting difficult to control species, and/or in sites with high dilution potential, the following formula should be used to calculate applications rates should greater than 270 pounds of Renovate OTF be needed to achieve desired weed control. NOTE: Do not exceed 2.5 ppm a.e. triclopyr for the treatment area per annual growing season.

$$\text{Pounds of Renovate OTF per Acre} = \text{average depth} \times \text{target ppm} \times 27$$

Example Calculation:

6 foot average depth x 2.5 ppm x 27 = 405 pounds of Renovate OTF per acre

For spot treatments or small treatment sites of ½ acre or less use Table 3 to determine the application rate depending on average water depth to achieve a concentration of 1.25 to 2.5 ppm a.e. Do not exceed 2.5 ppm a.e. triclopyr for the treatment area per annual growing season. Use higher rates in small treatment areas and in areas prone to higher dilution and for heavy weed infestation. Use the lower rates for spot treatment application of areas less prone to dilution and lighter weed infestations. For best results, split the total application rate into three equal applications 8 to 12 hours apart. Apply when water is calm.

Example: A 100 ft. x 40 ft. lakeshore swimming area with a 4 ft. average depth, heavily infested with Eurasian watermilfoil

Step 1: Determine the area to be treated in square feet (ft²) by multiplying the length of the area by the width.
 > 100 ft. x 40 ft. = 4,000 ft²

Step 2: Determine the amount of Renovate OTF to be used by consulting Table 3, *Pounds of Renovate OTF for Areas Less Than ½ Acre*.

> According to Table 3, use 24.7 lbs. of Renovate OTF total based on 4 foot average depth.

Step 3: Apply Renovate OTF uniformly over weeds in treatment site in three equal applications of 8.2 lbs. each, 8 - 12 hours apart.

TABLE 3				
POUNDS OF RENOVATE OTF FOR AREAS LESS THAN ½ ACRE				
Area (ft ²)	3 foot average depth		4 foot average depth	
	1.25 ppm a.e.	2.5 ppm a.e.	1.25 ppm a.e.	2.5 ppm a.e.
500	1.2	2.3	1.5	3.0
1,000	2.3	4.6	3.1	6.1
4,000	9.3	18.6	12.4	24.7
10,000	23.2	46.5	31.0	61.9
20,000	46.5	93.0	62.0	123.9

For applications with an area or depth not included in the above chart, use the following formula to calculate the application rates.

$$\text{Pounds of Renovate OTF} = \text{area (ft}^2\text{)} / 43,560 \times \text{average depth} \times \text{target ppm} \times 27$$

Example Calculation:

$$8,250 \text{ ft}^2 / 43,560 \times 4 \text{ foot average depth} \times 1.25 \text{ ppm} \times 27 = 25.6 \text{ pounds of Renovate OTF}$$

Small treatment application of Renovate OTF is recommended with waterproof gloves or a hand spreader to uniformly distribute flakes on target weeds.

Wetland Sites

Wetlands include flood plains, deltas, marshes, swamps, bogs, and transitional areas between upland and lowland sites. Wetlands may occur within forests, wildlife habitat restoration and management areas and similar sites as well as areas adjacent to or surrounding domestic water supply reservoirs, lakes and ponds.

For control of emersed, floating or submersed aquatic weeds in wetland sites, follow use directions and application methods associated with the *Floating and Emersed Weeds* or *Submersed Weeds* sections on this label.

Use Precautions

Minimize unintentional application to open water when treating target vegetation in wetland sites.

If any content on this label is not understood, or you need further assistance, contact a SePRO Corporation Aquatic Specialist with questions specific to your application.

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 spill, contain material and dispose as waste.

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

Nonrefillable Container Disposal (non-rigid plastic bags, any size): Do not reuse or refill this container. Completely empty bag into application equipment. Offer for recycling if available. If recycling not available, then dispose of empty bag in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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, use by the buyer or any other user constitutes acceptance of the terms under *Warranty Disclaimer*, *Inherent Risks of Use* and *Limitations 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. To the extent consistent with applicable law, 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 *Limitations of Remedies* in any manner.

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DOCUMENT SCAN CONTROL SHEET

Document ID 515588

EPA REG # SLN NY-070004

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FIFRA 24(C)



SPECIAL LOCAL NEED (SLN) LABEL

SePRO Corporation 11550 N. Meridian St., Suite 600, Carmel, IN 46032 USA www.sepro.com

Renovate[®] OTF Aquatic Herbicide

EPA Reg. No. 67690-42

EPA 24(c) Special Local Need Registration SLN NY-070004

(For Distribution and Use Only in the State of New York)

For Control of Emerged, Submersed and Floating Aquatic Weeds in Aquatic Sites

ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Renovate[®] OTF before applying. Carefully follow all precautionary statements and applicable use directions.
- **In the state of New York, Renovate[®] OTF is registered under FIFRA Section 24(c) as a Special Local Need (SLN) registration. For the state of New York, this 24(c) supplemental labeling provides directions for use, including use precautions and limitations applicable to use of Renovate[®] OTF, and supersedes directions for use on the product label.**
- **Note to all pesticide applicators:** Before application under any project program, notification of an approval by the NYS Department of Environmental Conservation is required, either by an aquatic permit issued pursuant to ECL Section 15.0313(4) or issuance of purchase permits for such use.
- Use of Renovate[®] OTF according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Renovate[®] OTF.

DIRECTIONS FOR USE

Use Renovate[®] OTF for control of emerged, submersed and floating aquatic weeds in the following aquatic sites: ponds; lakes; reservoirs; marshes; wetlands; impounded rivers, streams and other bodies of water that are quiescent; non-irrigation canals, seasonal irrigation waters and ditches which have little or no continuous outflow.

Refer to the product label of Renovate[®] OTF for *Precautionary Statements*, *Environmental Hazards* and *Storage and Disposal*.

CLASSIFIED FOR
"RESTRICTED USE"
IN NEW YORK STATE
UNDER 6NYCRR PART 326

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General Use Precautions and Restrictions

- **Chemigation:** Do not apply this product through any type of irrigation system.
- **Irrigation:** Water treated with Renovate[®] OTF may not be used for irrigation purposes for 120 days after application or until triclopyr residue levels are determined by laboratory analysis, or other appropriate means of analysis, to be 1.0 ppb or less. This label describes both required and recommended uses of a chemical analysis for the active ingredient, triclopyr. SePRO Corporation recommends the use of an Enzyme-Linked Immunoassay (ELISA) test for the determination of the active ingredient concentration in water. Contact SePRO Corporation for the incorporation of this analysis in your treatment program. Other proven chemical analysis for the active ingredient may also be used. The ELISA analysis is referenced in this label as the preferred method for the rapid determination of the concentration of the active ingredient in the water.
 - **Seasonal Irrigation Waters:** Renovate[®] OTF may be applied during the off-season to surface waters that are used for irrigation on a seasonal basis, provided that there is a minimum of 120 days between Renovate[®] OTF application and the first use of treated water for irrigation purposes or until triclopyr residue levels are determined by laboratory analysis, or other appropriate means of analysis, to be 1.0 ppb or less.
 - **Irrigation Canals/Ditches:** Do not apply Renovate[®] OTF to irrigation canals/ditches unless the 120 day restriction on irrigation water usage can be observed or triclopyr residue levels are determined by laboratory analysis, or other appropriate means of analysis, to be 1.0 ppb or less.
- **There is no restriction on use of treated water to irrigate established grasses.**
- **Do not apply Renovate[®] OTF directly to, or otherwise permit it to come into direct contact with grapes, tobacco, vegetable crops, flowers, or other desirable broadleaf plants, and do not permit dust to drift into these areas.**
- **Do not apply to salt water bays or estuaries.**
- **Do not apply directly to un-impounded rivers or streams.**
- **Do not apply on ditches or canals currently being used to transport irrigation water or that will be used for irrigation within 120 days following treatment or until triclopyr residue levels are determined to be 1.0 ppb or less.**
- **Do not apply where runoff water may flow onto agricultural land as injury to crops may result.**
- **Grazing and Haying Restrictions:** Except for lactating dairy animals, there are no grazing restrictions following application of this product.

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- **Grazing Lactating Dairy Animals:** Do not allow lactating dairy animals to graze treated areas until the next growing season following application of this product.
- Do not harvest hay for 14 days after application.
- Grazed areas of non-cropland and forestry sites may be spot treated if they comprise no more than 10% of the total grazable area.
- **Slaughter Restrictions:** During the season of application, withdraw livestock from grazing treated grass at least 3 days before slaughter.

Best Management Practices for Drift Management

Equipment used in the application of Renovate[®] OTF should be carefully calibrated to be sure it is working properly and delivering a uniform distribution pattern. Aerial application should be made only when the wind velocity is 2 to 10 mph.

Applications should be made only when there is little or no hazard for volatility or dust drift, and when application can maintain Renovate[®] OTF placement in the intended area. Very small quantities of dust, which may not be visible, may seriously injure susceptible plants, and Renovate[®] OTF may be blown outside of the intended treatment area under extreme conditions. Do not spread Renovate[®] OTF when wind is blowing toward susceptible crops or ornamental plants that are near enough to be injured.

Avoiding drift at the application site is the responsibility of the applicator. The interaction of many equipment and weather related factors determine the potential for drift. The applicator is responsible for considering all these factors when making decisions.

Ground Application Equipment: To aid in reducing drift, Renovate[®] OTF should be applied when wind velocity is low (follow state regulations; see *Sensitive Area* under *Aerial Drift Reduction Advisory* below) or using a slurry injection system.

Aerial Drift Reduction Advisory

This section is advisory in nature and does not supersede the mandatory label requirements.

Application Height: Applications should not be made at a height greater than 10 feet above the top of the largest plants unless a greater height is required for aircraft safety. Making applications at the lowest height that is safe reduces drift potential.

Swath Adjustment: When applications are made with a crosswind, the swath will be displaced downwind. Therefore, on the up and downwind edges of the field, the

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applicator must compensate for this displacement by adjusting the path of the aircraft upwind. Swath adjustment distance should increase, with increasing drift potential (e.g. higher wind).

Wind: Drift potential is lowest between wind speeds of 2 - 10 mph (follow state regulations). However, many factors, including equipment type, determine drift potential at any given speed. Application should be avoided below 2 mph due to variable wind direction and high inversion potential. **Note:** Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect drift.

Sensitive Areas: Renovate[®] OTF should only be applied when the potential for drift to adjacent sensitive areas (e.g., residential areas, known habitat for threatened or endangered species, non-target crops) is minimal (e.g., when wind is blowing away from the sensitive areas).

Aquatic Weeds Controlled by Renovate[®] OTF

alligatorweed	parrotfeather [†]	yellow water lily (Nuphar spp., spatterdock)
American lotus	pickerelweed	water chestnut [†]
bladderwort	pennywort	water primrose (Ludwigia spp.)
Eurasian watermilfoil	smartweed	watershield (Brasenia spp.)
milfoil species		white water lily (Nymphaea spp.)

[†]Retreatment may be needed to achieve desired level of control.

APPLICATION METHODS

Surface Applications

Use a mechanical spreader such as a fertilizer spreader or mechanical seeder or similar equipment capable of uniformly applying Renovate[®] OTF. Before spreading any product, carefully calibrate the application equipment. When using boats and power equipment, you must determine the proper combination of (1) boat speed (2) rate of delivery from the spreader, and (3) width of swath covered by the granules.

Use the following formula to calibrate the spreader's delivery in pounds of Renovate[®] OTF per minute:

$$\frac{\text{Miles per hour} \times \text{swath width (feet)} \times \text{pounds per acre}}{495} = \text{Pounds per minute}$$

Aerial Application (Helicopter Only)

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Ensure uniform application. All equipment should be properly calibrated using blanks with similar physical characteristics to Renovate[®] OTF. To avoid streaked, uneven or overlapped application, use an appropriate tracking device (e.g. GPS). Refer to the *Aerial Drift Reduction Advisory* section of this label for additional precautions and instructions for aerial application.

Floating and Emerged Weeds

For control of water lily's (*Nymphaea* spp. and *Nuphar* spp.), watershield (*Brasenia* spp.), and other susceptible emerged and floating herbaceous weeds, apply 1.0 to 2.5 ppm triclopyr per acre. Apply when plants are actively growing.

Use higher rates in the rate range when plants are mature, when the weed mass is dense, in areas of greater water exchange, or for difficult to control species. Repeat as necessary to control regrowth, but do not exceed a total of 2.5 a.e. triclopyr for the treatment area per annual growing season.

Submersed Weeds

For control of Eurasian watermilfoil (*Myriophyllum spicatum*) and other susceptible submersed weeds in ponds, lakes, reservoirs, impounded rivers, streams and other bodies of water that are quiescent; non-irrigation canals, and seasonal irrigation waters, or ditches that have little or no continuous outflow, apply Renovate[®] OTF using mechanical or portable granule spreading equipment. Rates should be selected according to the rate chart below to provide a triclopyr concentration of 0.5 to 2.5 ppm ae in treated water. Use of higher rates in the rate range is recommended in areas of greater water exchange. These areas may require a repeat application. However, total application of Renovate[®] OTF must not exceed an application rate of 2.5 ppm ae triclopyr for the treatment area per annual growing season.

For optimal control, apply when Eurasian watermilfoil or other submersed weeds are actively growing.

CONCENTRATION OF TRICLOPYR ACID IN WATER (PPM A.E.)					
	0.5 ppm	1.0 ppm	1.5 ppm	2.0 ppm	2.5 ppm
Avg. Water Depth (ft)	Pounds Renovate [®] OTF / acre				
1	14	27	41	54	67
2	27	54	81	108	135
3	41	81	122	162	202



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4	54	108	162	216	270
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For applications greater in depth than 4 feet, when targeting difficult to control species and/or in sites with high dilution potential, the following formula should be used to calculate applications rates should greater than 270 pounds of Renovate® OTF be needed to achieve desired weed control. **NOTE:** Do not exceed 2.5 ppm a.e. triclopyr for the treatment area per annual growing season.

average depth x target ppm x 27 = pounds of Renovate® OTF per acre

Example Calculation:

6 foot average depth x 2.5 ppm x 27 = 405 pounds of Renovate® OTF per acre

Precautions for Potable Water Intakes:

For applications of Renovate® OTF to control floating, emersed, and submersed weeds in sites that contain a functioning potable water intake for human consumption, see the chart below to determine the minimum setback distances of the application from the functioning potable water intakes.

CONCENTRATION OF TRICLOPYR ACID IN WATER (PPM AE)					
Area Treated (acres)	0.75 ppm	1 ppm	1.5 ppm	2 ppm	2.5 ppm
	Required Setback Distance (ft) from Potable Water Intake				
<4	1,300	1,700	2,500	3,400	4,200
>4 - 8	1,700	2,300	3,500	4,600	5,800
>8 - 16	2,400	3,300	4,900	6,500	8,200
>16 - 32	3,500	4,600	6,900	9,200	11,500
>32 acres, calculate a setback using the formula for the appropriate rate	Setback (ft) = $\sqrt{[(4,102,708 \times X \text{ acres treated}) + 981,690.7] / 3.33}$	Setback (ft) = $\sqrt{[(4,102,708 \times X \text{ acres treated}) + 981,690.7] / 2.50}$	Setback (ft) = $\sqrt{[(4,102,708 \times X \text{ acres treated}) + 981,690.7] / 1.67}$	Setback (ft) = $\sqrt{[(4,102,708 \times X \text{ acres treated}) + 981,690.7] / 1.25}$	Setback (ft) = $\sqrt{[(4,102,708 \times X \text{ acres treated}) + 981,690.7]}$

[†]Sqrt = Square Root

Example Calculation 1: to apply 2.5 ppm Renovate® OTF to 50 acres:

$$\begin{aligned} \text{Setback in feet} &= \sqrt{[(4,102,708 \times 50) + 981,690.7]} \\ &= \sqrt{[206,117,091]} \end{aligned}$$

FIFRA 24(C)



SPECIAL LOCAL NEED (SLN) LABEL

SePRO Corporation 11550 N. Meridian St., Suite 600, Carmel, IN 46032 USA www.sepro.com

= 14,357 feet
= **14,400 feet (rounded to nearest 100 feet)**

Example Calculation 2: to apply 0.75 ppm Renovate[®] OTF to 50 acres:

$$\text{Setback in feet} = \frac{\text{sqrt} [(4,102,708 \times 50) + 981,690.7]}{3.33}$$

$$= \frac{\text{sqrt} [206,117,091]}{3.33}$$

$$= \frac{14,356.78}{3.33}$$

$$= 4,311 \text{ feet}$$

$$= \mathbf{4,300 \text{ feet (rounded to nearest 100 feet)}}$$

Note: Existing potable water intakes which are no longer in use, such as those replaced by potable water wells or connections to a municipal water system, are not considered to be functioning potable water intakes. These setback restrictions do not apply to terrestrial applications made adjacent to potable water intakes.

To apply Renovate[®] OTF around and within the distances noted above from a functioning potable water intake, the intake must be turned off until the triclopyr level in the intake water is determined to be 50 parts per billion (ppb) or less by laboratory analysis or immunoassay.

- **Recreational Use of Water in Treatment Area:** DO NOT swim in water treated with Renovate[®] OTF for three (3) hours after treatment. There are no restrictions on use of water in the treatment area for fishing.
- **Livestock Use of Water from Treatment Area:** There are no restrictions on livestock consumption of water from the treatment area.

Wetland Sites

Wetlands include flood plains, deltas, marshes, swamps, bogs, and transitional areas between upland and lowland sites. Wetlands may occur within forests, wildlife habitat restoration and management areas and similar sites as well as areas adjacent to or surrounding domestic water supply reservoirs, lakes and ponds.



FIFRA 24(C)

SPECIAL LOCAL NEED (SLN) LABEL

SePRO Corporation 11550 N. Meridian St., Suite 600, Carmel, IN 46032 USA www.sepro.com

For control of emerged, floating or submersed aquatic weeds in wetland sites, follow use directions and application methods associated with the *Floating and Emerged* or *Submersed* sections on this label.

Use Precautions

Minimize unintentional application to open water when treating target vegetation in wetland sites. **Note:** Consult local public water control authorities before applying this product in and around public water. Permits may be required to treat such areas.

IF ANY CONTENT ON THIS LABEL IS NOT UNDERSTOOD, OR YOU NEED FURTHER ASSISTANCE, CONTACT A SEPRO AQUATIC SPECIALIST WITH QUESTIONS SPECIFIC TO YOUR APPLICATION.

Renovate is a registered trademark of Dow AgroSciences LLC.

Manufactured by: SePRO Corporation, 11550 North Meridian Street, Suite 600, Carmel, IN 46032 U.S.A.

FPL050608

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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS MATERIALS ● BUREAU OF PESTICIDES MANAGEMENT

www.dec.ny.gov

TITLE 6 NEW YORK CODE OF RULES AND REGULATIONS PART 327 AND 328

APPLICATION FOR A PERMIT TO USE A PESTICIDE FOR THE CONTROL OF AN AQUATIC PEST

APPLICATION MUST BE SUBMITTED 3 MONTHS BEFORE PROPOSED TREATMENT
REFER TO INSTRUCTION SHEET AND CHECKLIST FOR MORE INFORMATION

FOR DEPARTMENT USE ONLY	
Application Number	_____
Water Body Name	_____
Date Received	_____
Application Fee Receipt Number	_____
Type of Application	_____
New ____ Repeat ____ Previous #	_____

- Check type of application: New _____ ; Repeat _____
If, repeat application , prior Permit Number: _____
- Name of Applicant: _____
- Name and Title of Authorized Person signing the Application
(if Block # 2 is an organization): _____
- Applicant street address: _____
- Applicant mailing address : _____
- Telephone Number: (_____) _____
- Is the applicant a (check): Riparian Owner _____ ; Lessee _____ ; Association of Riparian Owners/Lessees _____ ;
NYS Department of Environmental Conversation representative _____ ; Other (specify) _____
- Name of Water body: _____ 9. Township of water body: _____ 10. County of water body: _____
- Purpose of treatment (Specific species to be controlled): _____
- Uses of water proposed for treatment (check): Swimming _____ ; Irrigation _____ ; Watering Livestock _____ ; Public Water Supply _____ ; Private Water Supply _____ ; Fishing _____ ; Other (specify) _____
- Total acreage of water body: _____ 14. Acres/Acre Feet to be treated: _____ 15. Number of areas in water body to be treated: _____
- Does the water body have an outlet?: Yes ___ No ___ (Note: the outlet location must be shown on the detailed map of the water body).
- If "yes" to question 16, can applicant control water level during and for the required period of time after treatment?: Yes ___ ; No ___
- If "yes" to question 17, how will water flow be held?(draw down study must be attached): _____
If "no" to question 17, give estimated flow during time of treatment in CFS _____ AND attach outflow study.
- If applicable: Number of streams proposed for treatment: _____ Miles of streams to be treated: _____
- Name and location of any public and private water supply intakes within the treatment area

NOTE: All public and private water supply intakes must be located on the detailed map.

- Are there any regulated freshwater or tidal wetlands in the water body or streams?: Yes _____ ; No _____ ; Unknown _____
NOTE: If known, all regulated freshwater and tidal wetlands must be located on the detailed map.
- Are Fish Present? Yes _____ ; No _____ . Are they stocked by the State? Yes _____ ; No _____
- Pesticide Requested (Product Name): _____

24. Active ingredient: _____ 25. % Active ingredient: _____

26. EPA Registration Number: _____ 27. Application rate: _____

28. Total amount of product per application: _____

29. Proposed Date (s) of treatment (month/day/year): _____

30. Method of application: _____ 31. Type of application equipment: _____

32. If the proposed treatment involves an aircraft, indicate FAA Number(s): _____

33. Riparian owners/users in the vicinity of the treated area and along the outlet stream(s), who may be required to restrict their usage as a result of the treatment, must be notified of the treatment.

Has proper notification been completed: Yes ____ ; Pending ____ . If yes, When? _____ ; How? _____

If 21day comment period has expired: Approved of your plans ? Yes ____ ; No ____ . Agreed to restrictions? Yes ____ ; No ____

34. Are there or will there be other applications proposing to treat this water body or stream system this year?: Yes ____ ; No ____

If "yes", indicate who will be making the treatments: _____ ; proposed date(s) of treatment: _____

specify products proposed for use: _____

35. Name of pesticide Business/Agency performing application: _____

36. Address: _____ City: _____ State: _____ Zip Code: _____

37. Business/Agency Registration Number: _____

38. Name of Certified Applicator performing the application: _____

39. a. Certified Applicator Identification Number: _____ b. Certified Applicator Telephone Number: _____

40. Are any other aquatic pest management control practices being employed to control the target pest problem? Yes ____ ; No ____

Please Describe (attach additional sheets if necessary):

AFFIRMATION:

The applicant/applicator guarantees that he will employ the listed pesticides in conformance with all conditions of the permit and agrees to accept the following conditions as a prerequisite to the issuance of a permit: that the issuance of the permit is based on the accuracy of all statements presented by the applicant/applicator; that damage resulting from the inaccuracy of any computations, improper application of the pesticide, or legal responsibility for the representations made in obtaining approvals or releases, or the failure to obtain approvals or releases from the riparian owners/users likely to be affected is the sole responsibility of the applicant/applicator.

I hereby affirm under penalty of perjury that information on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class "A" misdemeanor pursuant to Section 210.45 of the Penal Law.

41. Signature of Individual in Item 2 or 3 above: _____ Title: _____ Date: _____

42. Signature of Representative of Applicator: _____ Title: _____ Date: _____

Clearcast[®] 2.7G

Herbicide

CCCG6741



For the control of vegetation in aquatic sites

Active Ingredient

imazamox 2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-5-(methoxymethyl)-3-pyridinecarboxylic acid[†]..... 2.7%

Other Ingredients.....97.3%

TOTAL.....100.0%

[†]Equivalent to 0.135 pound active ingredient as the free acid per five pounds of product.

Keep Out of Reach of Children

CAUTION / PRECAUCIÓN

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

Refer to inside of label booklet for additional precautionary information and directions for use including storage and disposal.

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.**

Clearcast is a registered trademark of BASF Corporation.
Manufactured for: **SePRO Corporation** 11550 N. Meridian St.
Suite 600, Carmel, IN 46032 U.S.A.

FIRST AID

If in eyes	<ul style="list-style-type: none">• Hold eyes open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes.• Call a poison control center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15 - 20 minutes.• Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.• Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In case of emergency endangering health or the environment involving this product, call **INFOTRAC at 1-800-535-5053**.

EPA Reg. No. 241-439-67690
EPA Est. No. 39578-TX-001
FPL030410
SPC - 36704101

NVA 2008-04-341-0264
U.S. Patent No. 5,334,576

Herbicide

Net contents 40 pounds

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION. Causes moderate eye irritation. Avoid contact with eyes or clothing.

Keep Out of Reach of Children

CAUTION/PRECAUCIÓN

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

FIRST AID

If in eyes	<ul style="list-style-type: none">• Hold eyes open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes.• Call a poison control center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15 - 20 minutes.• Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.• Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In case of emergency endangering health or the environment involving this product, call **INFOTRAC at 1-800-535-5053**.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category A on an EPA chemical-resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants;
- Chemical-resistant gloves, such as butyl rubber \geq 14 mils, or natural rubber \geq 14 mils, or neoprene rubber \geq 14 mils, or nitrile rubber \geq 14 mils; and
- Shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide may be hazardous to plants outside the treated area. Do not apply to water except as specified in this label. Do not contaminate water when disposing of equipment washwaters and rinsate.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling. This labeling must be in the possession of the user at the time of pesticide application.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

Ensure spray drift to nontarget species does not occur.

Do not apply Clearcast® 2.7G Herbicide in any manner not specifically described in this label.

Observe all cautions and limitations on this label and on the labels of products used in combination with Clearcast 2.7G. Do not use Clearcast 2.7G other than in accordance with the instructions set forth on this label. Keep containers closed to avoid spills and contamination.

IN CASE OF SPILL

In case of large-scale spillage regarding this product, call INFOTRAC at 1-800-535-5053

GENERAL INFORMATION

Clearcast 2.7G is a granular formulation that may be applied directly to water for the control/suppression of certain submerged, floating and emergent aquatic vegetation. Aquatic sites that may be treated include estuarine and marine sites, ponds, lakes, reservoirs, wetlands, marshes, swamps, bayous, arroyos, ditches, canals, streams, rivers, creeks and other slow-moving or quiescent bodies of water. Clearcast 2.7G may also be used during drawdown conditions.

Clearcast 2.7G is quickly absorbed by foliage and/or plant roots and rapidly translocated to the growing points stopping growth. Susceptible plants may develop a yellow appearance or general discoloration and will eventually die or be severely growth inhibited.

Clearcast 2.7G is herbicidally active on many submerged, emergent and floating broadleaf and monocot aquatic plants. The relative levels of control and selectivity can be manipulated by using a choice of rates.

To help maintain the utility of herbicide programs, the use of herbicides with different modes of action is effective in managing weed resistance.

APPLICATION DIRECTIONS

Apply Clearcast 2.7G directly to the water for the control of submerged aquatic plant species and some emergent and floating species.

Do not exceed maximum use rate per application:

- Water treatment - 500 ppb (50 pounds of Clearcast 2.7G per acre foot)
- Clearcast 2.7G may be applied via surface and aerial equipment including both fixed-wing aircraft and helicopter.

Surface Application

Application to water targeting submerged and/or emergent/floating vegetation. Broadcast apply Clearcast 2.7G to the water surface.

Apply Clearcast 2.7G to water to achieve a final concentration of the active ingredient of no more than 500 ppb. Multiple applications of Clearcast 2.7G may be made during the annual growth cycle to maintain the desired vegetation response.

TABLE 1 Clearcast 2.7G Rates Per Treated Surface Acre				
Average Water Depth of Treatment Site (feet)	Desired Active Ingredient Concentration (ppb)†			
	50	100	200	500
	Clearcast 2.7G Rate per Treated Surface Acre (pounds)			
1	5	9	20	50
2	10	20	40	100
3	15	30	60	150
4	20	40	80	200
5	25	50	100	250
6	30	60	120	300
7	35	70	140	350
8	40	80	160	400
9	45	90	180	450
10	50	100	200	500

† 5.0 pounds of Clearcast 2.7G contains 0.135 pound of active ingredient.

Aerial Application

Clearcast 2.7G may be applied by both fixed wing aircraft and helicopter.

Drawdown Application

Clearcast 2.7G may be used in drawdown situations to provide preemergence control/suppression of aquatic vegetation. Apply Clearcast 2.7G as a broadcast application at rates up to 18.5 lbs/A. Applications should be made when water has receded and exposed soil is moist to dry. When treating irrigation canals, the initial flush of recharge water after application must not be used for irrigation purposes.

RESTRICTIONS AND LIMITATIONS

General Limitations

- Do not apply Clearcast 2.7G to achieve a total active ingredient concentration in the water greater than 500 ppb.
- Do not apply more than 18.5 lbs/A of Clearcast 2.7G per drawdown treatment.

Irrigation Restrictions

- Do not use treated water to irrigate greenhouses, nurseries or hydroponics.
- Do not plant non-CLEARFIELD® canola, onions, potatoes, or sugar beets in soils that have been previously irrigated with Clearcast 2.7G-treated water until a soil bioassay successfully demonstrates acceptable levels of crop tolerance.
- Do not use any Clearcast 2.7G-treated waters from still or quiescent sources for irrigation purposes less than 24 hours after Clearcast 2.7G application is completed.
- Waters receiving Clearcast 2.7G treatment may be used for irrigation as long as concentrations are ≤ 50 ppb. Treated waters resulting in concentrations > 50 ppb may not be used for irrigation until residue levels have been shown to be ≤ 50 ppb by an acceptable method.
- After application of Clearcast 2.7G to dry irrigation canals/ditches, the initial flush of water during recharge must not be used for irrigation purposes.

Other Water Use Restrictions

There are no restrictions on livestock watering, swimming, fishing, domestic use, or use of treated water for agricultural sprays.

Potable Water

Clearcast 2.7G may be applied to potable water sources at concentrations up to 500 ppb to within a distance of $\frac{1}{4}$ mile from an active potable water intake. Within $\frac{1}{4}$ mile of an active potable water intake, Clearcast 2.7G may be applied, but water concentrations may not exceed 50 ppb. If water concentrations greater than 50 ppb are required, the potable water intake must be shut and, if necessary, an alternate water supply be made available until the water concentration can be shown to be less than 50 ppb by an acceptable method.

Endangered Plant Species

To prevent potential negative impacts to endangered plant species, do not apply Clearcast 2.7G in a way that adversely affects federally listed endangered and threatened species.

TABLE 2
Emergent and Floating Species Controlled with Clearcast 2.7G

Common Name	Scientific Name	Rate (ppb)	Comments
Frogbit	<i>Lymnobia spongia</i>	50 to 100	
Water hyacinth	<i>Eichhornia crassipes</i>	50 to 100	
Watershield	<i>Brasenia schreberi</i>	50 to 100	

TABLE 3
Submersed Species Controlled with Clearcast 2.7G

Common Name	Scientific Name	Rate (ppb)	Comments
Bladderwort	<i>Utricularia floridana</i> <i>U. inflata</i>	50 to 100	
Eurasian watermilfoil ¹	<i>Myriophyllum spicatum</i>	100 to 200	See <i>Special Weed Control</i> for application directions.
Hydrilla ²	<i>Hydrilla verticillata</i>	150 to 200	See <i>Special Weed Control</i> for application directions.
Northern watermilfoil	<i>Myriophyllum exalbescens</i>	100 to 200	
Pondweed, American flat stemmed leafy Illinois small variable-leaf clasping largeleaf	<i>Potamogeton</i> spp. <i>P. nodosus</i> <i>P. zosteriformis</i> <i>P. foliosus</i> <i>P. illinoensis</i> <i>P. pusillus</i> <i>P. gramineus</i> , <i>P. diversifolius</i> <i>P. perfoliatus</i> <i>P. amplifolius</i>	50 to 100	
Pondweed, curlyleaf	<i>Potamogeton crispus</i>	50	
Pondweed, sago ³	<i>Potamogeton pectinatus</i> <i>Stuckenia pectinatus</i>	100	See <i>Special Weed Control</i> for application directions.
Spikerush	<i>Eleocharis</i> spp.	200	Apply as a spot treatment, concentrating the application in the area of the spikerush prior to emergence.
Variable-leaf milfoil	<i>Myriophyllum heterophyllum</i>	100 to 200	
Water stargrass	<i>Heteranthera dubia</i>	100	
Widgeon grass	<i>Ruppia maritima</i>	200	

SPECIAL WEED CONTROL

¹**Eurasian watermilfoil** - Apply Clearcast 2.7G at 100 to 200 ppb to actively growing plants early in the growing season. Applications made to mature milfoil (vegetation topped out) may require multiple applications.

²**Hydrilla** - Apply Clearcast 2.7G at 150 to 200 ppb to actively growing plants early in the growing season. Applications made prior to topped-out hydrilla may require repeat application. A single application of 50 to 75 ppb can be used to suppress and growth-regulate hydrilla for up to 10 to 12 weeks. If desired, an additional 50 to 75 ppb can be applied to extend the period of growth suppression when normal hydrilla growth resumes.

³**Sago pondweed** - Sago pondweed may be controlled in non-flowing water with applications at 100 ppb. In dry ditches (drainage and irrigation), sago pondweed may be controlled or growth suppressed with soil-applied Clearcast 2.7G at 18.5 lbs/A. In irrigation canals, apply Clearcast 2.7G after drawdown and prior to water recharge.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in original container and keep closed. Store in a dry place.

Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on-site or at an approved waste disposal facility.

Container Disposal: Nonrefillable Containers (for plastic bags): Do not reuse or refill this container. After completely emptying container into application equipment, dispose of empty bag in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

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.

- © Copyright 2010 SePRO Corporation
- © Clearcast and CLEARFIELD are registered trademarks of BASF.

Clearcast[®] 2.7G

Herbicide

CCAS6829



PEEL FILM HERE

FOR THE CONTROL OF VEGETATION IN AQUATIC SITES

Active Ingredient

imazamox 2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-5-(methoxymethyl)-3-pyridinecarboxylic acid† 2.7%

Other Ingredients 97.3%

TOTAL 100.0%

†Equivalent to 0.135 pound active ingredient as the free acid per five pounds of product.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION. Causes moderate eye irritation. Avoid contact with eyes or clothing.

Keep Out of Reach of Children

CAUTION/PRECAUCIÓN

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

FIRST AID

If in eyes	<ul style="list-style-type: none">• Hold eyes open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes.• Call a poison control center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15 - 20 minutes.• Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.• Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In case of emergency endangering health or the environment involving this product, call **INFOTRAC** at **1-800-535-5053**.

ENVIRONMENTAL HAZARDS

This pesticide may be hazardous to plants outside the treated area. Do not apply to water except as specified in this label. Do not contaminate water when disposing of equipment washwaters and rinsate.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling. This labeling must be in the possession of the user at the time of pesticide application.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal
Pesticide Storage: Store in original container and keep closed. Store in a dry place.

Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on-site or at an approved waste disposal facility.

Container Disposal: Nonrefillable Containers (for plastic bags): Do not reuse or refill this container. After completely emptying container into application equipment, dispose of empty bag in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

Refer to inside of 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. 241-439-67690

EPA Est. No. 39578-TX-001

FPL030410

SPC-36704101

Manufactured for:

SePRO Corporation

11550 N. Meridian St., Ste. 600, Carmel, IN 46032 U.S.A.



8

Herbicide

Net contents 40 pounds



JOINT APPLICATION FORM - INSTRUCTIONS



For Permits/Determinations to undertake activities affecting streams, waterways, waterbodies, wetlands, coastal areas and sources of water supply.

New York State

Department of Environmental Conservation (DEC)
Office of General Services (OGS)
Department of State (DOS)

US Army Corps of Engineers (USACE)
New York District
Buffalo District

Type or print clearly in ink. Incomplete or inaccurate information may delay processing and a final decision on your application. Individual Agencies may request that you submit additional information to complete your application.

PERMITS REQUESTED Check all Permits/Determinations requested from all the listed Agencies.

Separate authorizations or determinations of no permit required must be received from each Agency in accordance with their jurisdiction prior to initiation of work.


The applicant is responsible for obtaining any other federal, state or local permits or other approvals.

APPLICANT / OWNER / CONTACT INFORMATION AND SIGNATURES Signatures of the Applicant, Owner and Agent, where applicable, are required.

Applications by a Corporation must be signed by a member of the board of directors or a "high managerial agent" of the corporation as that term is defined in the § 20.20 of the Penal Law; a Partnership by a general partner; a Sole Proprietorship by the proprietor; a Limited Liability Company by member or manager in accordance with the LLC's articles of organization as filed with the Secretary of State.

Applications by a State Agency must be signed by a person duly designated by the commissioner or other agency head. Applications by Municipalities (counties, cities, towns and villages) and Public Corporations must be signed by the chief executive officer, the head of a subordinate agency or department, or a person duly designated by the chief executive officer.


Construction or work contractors may serve as a contact/agent on behalf of the applicant, but cannot be identified as the applicant or prospective permittee should a permit be issued.

PROJECT / FACILITY LOCATION INFORMATION Location Coordinates are expressed in New York Transverse Mercator (NYTM) units (i.e., UTM Zone 18 expanded to encompass the entire state) based on the North American Datum 1983, or Latitude and Longitude. If you are able to supply accurate coordinates, please do so. Coordinates may be obtained from DEC's online Environmental Resource Mapper (www.dec.ny.gov/animals/38801.html), using the Identify  tool.

PROJECT DESCRIPTION AND PURPOSE Provide a complete narrative description of the proposed work and its purpose. Attach additional page(s) if necessary.

REQUIRED APPLICATION ATTACHMENTS

Attach and submit the following to each involved Agency:

- LOCATION MAP** A US Geological Survey (USGS) Quadrangle Map, or equivalent identifying the project location. The map should include wetlands, seasonally wet streams and ditches. An acceptable location map may be obtained from DEC's online Environmental Resource Mapper (www.dec.ny.gov/animals/38801.html), using the Printer  tool.
- PROJECT PLANS** A sketch plan view and cross-section drawn to scale with dimensions given, or engineering drawings showing location and extent of work. Note from which direction the photographs required in (3) are taken.

- PHOTOGRAPHS** At least 3 color photographs, taken from multiple directions, that clearly depict the site of the proposed activity, including any existing structures on the site, and the area surrounding that site. Indicate the time and date when taken.

OTHER REQUIREMENTS

For NY State Agencies - State Environmental Quality Review Act regulations (SEQR), 6 NYCRR Part 617

(www.dec.ny.gov/regs/4490.html) -

- If the project is an Unlisted Action, submit a completed Part 1 of a Short Environmental Assessment Form. *
- If the project is a Type I Action, submit a completed Part 1 of a Full Environmental Assessment Form. *

For NYS DEC Only - Complete the **Permission to Inspect Property Supplement** * to provide consent for DEC inspection. Failure to grant consent can be grounds for, and may result in, permit denial.

For USACE/NYS DOS - If the project requires a federal permit and lies within or affects the Coastal Zone (see the DOS Coastal Area Maps at www.nyswaterfronts.com/maps_regions.asp), submit a completed Federal Consistency Assessment Form (available at www.nyswaterfronts.com/consistency_federal.asp) to NYS DOS with a copy to USACE.

For USACE Section 404 Clean Water Act permits and specific Nationwide permits - a 401 Water Quality Certification must be obtained from NYS DEC.

For Adirondack Park - If the project is within the Adirondack Park, to determine permitting applicability contact - NYS Adirondack Park Agency, 1133 NYS Rte 86, PO Box 99, Ray Brook, NY 12977 (518) 891-4050 www.apa.state.ny.us

SPECIAL SUPPLEMENTS AND REQUIREMENTS FOR SPECIFIC PERMIT APPLICATIONS

Applications for . . . must be accompanied by . . .

- Dams and Impoundment Structures** Supplement D-1 *
- Docks and Moorings** Supplement D-2 *
- Water Supply** Supplement W-1 *
- Long Island Well** Regional specific supplement *
- Wild, Scenic and Recreational River Systems** Supplement WSR-1 *
- Aquatic Vegetation, Aquatic Insect, and Fish Control** Category specific form available at NYS DEC offices and at www.dec.ny.gov/chemical/8530.html. Submit applications to the NYS DEC regional office, Attn: Bureau of Pesticides.

- USACE Section 404 Clean Water Act, and DEC Freshwater Wetlands and Tidal Wetlands** . . . Applications to disturb a wetland or waterway by placing fill or performing mechanized land clearing, ditching, channelization, dredging, or excavation activities should provide a discussion of practicable alternatives considered to avoid, minimize and/or mitigate the proposed project impacts. Particular justification should be given as to why the alternatives are not suitable.

* Forms are available at NYS DEC offices and at www.dec.ny.gov/permits/6222.html

JOINT APPLICATION FORM INSTRUCTIONS - PAGE 2 OF 2

SUBMISSION OF APPLICATION FORMS AND ATTACHMENTS

Separately mail the completed application to each involved Agency based on project location and permit(s) requested.

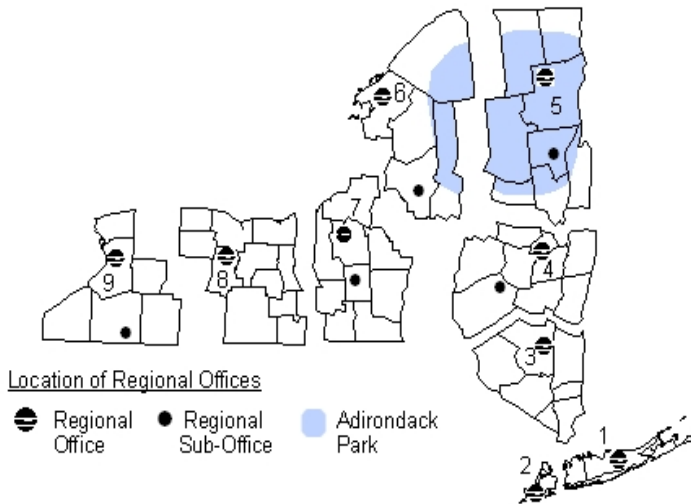
For DEC - Mail **3 copies** of Pages 1 and 2 of the Application Form and **3 copies** of all required attachments.

For Other Agencies - Mail **1 copy** of Pages 1 and 2 of the Application Form and **1 copy** of all required attachments.

AGENCY CONTACT INFORMATION

NYS Department of Environmental Conservation

www.dec.ny.gov



Location of Regional Offices

● Regional Office
 ● Regional Sub-Office
 ● Adirondack Park

NYS DEC REGION 4 Sub-Office

Regional Permit Administrator
65561 State Hwy 10
Stamford, NY 12167-9503
(607) 652-7741
email: r4dep@gw.dec.state.ny.us

NYS DEC REGION 7

Regional Permit Administrator
615 Erie Blvd West
Syracuse, NY 13204-2400
(315) 426-7438
email: r7dep@gw.dec.state.ny.us

NYS DEC REGION 5

Regional Permit Administrator
PO Box 296
1115 Route 86
Ray Brook, NY 12977-0296
(518) 897-1234
email: r5dep@gw.dec.state.ny.us

NYS DEC REGION 7 Sub-Office

Regional Permit Administrator
1285 Fisher Avenue
Cortland, NY 13045-1090
(607) 753-3095
email: r7dep@gw.dec.state.ny.us

NYS DEC REGION 5 Sub-Office

Regional Permit Administrator
PO Box 220
232 Golf Course Rd
Warrensburg, NY 12885-0220
(518) 623-1281
email: r5dep@gw.dec.state.ny.us

NYS DEC REGION 8

Regional Permit Administrator
6274 E. Avon - Lima Road
Avon, NY 14414-9519
(585) 226-5400
email: r8dep@gw.dec.state.ny.us

NYS DEC REGION 1

Regional Permit Administrator
SUNY @ Stony Brook
50 Circle Road
Stony Brook, NY 11790-3409
(631) 444-0365
email: r1dep@gw.dec.state.ny.us

NYS DEC REGION 3

Regional Permit Administrator
21 South Putt Corners Road
New Paltz, NY 12561-1620
(845) 256-3054
email: r3dep@gw.dec.state.ny.us

NYS DEC REGION 6

Regional Permit Administrator
317 Washington Street
Watertown, NY 13601-3787
(315) 785-2245
email: r6dep@gw.dec.state.ny.us

NYS DEC REGION 9

Regional Permit Administrator
270 Michigan Avenue
Buffalo, NY 14203-2915
(716) 851-7165
email: r9dep@gw.dec.state.ny.us

NYS DEC REGION 2

Regional Permit Administrator
1 Hunter's Point Plaza
47-40 21st Street
Long Island City, NY 11101-5407
(718) 482-4997
email: r2dep@gw.dec.state.ny.us

NYS DEC REGION 4

Regional Permit Administrator
1130 North Westcott Road
Schenectady, NY 12306-2014
(518) 357-2069
email: r4dep@gw.dec.state.ny.us

NYS DEC REGION 6 Sub-Office

Regional Permit Administrator
207 Genesee Street
Utica, NY 13501-2885
(315) 793-2555
email: r6dep@gw.dec.state.ny.us

NYS DEC REGION 9 Sub-Office

Regional Permit Administrator
182 East Union, Suite 3
Allegany, NY 14706-1328
(716) 372-0645
email: r9dep@gw.dec.state.ny.us

US Army Corps of Engineers

www.usace.army.mil

For DEC Regions 1, 2 and 3

US Army Corps of Engineers NY District
ATTN: Regulatory Branch
26 Federal Plaza, Room 1937
New York, NY 10278-0090
email: CENAN.PublicNotice@usace.army.mil

For DEC Regions 1, 2,
Westchester County and
Rockland County -
(917) 790-8511

For the other counties
of DEC Region 3 -
(917) 790-8411

For DEC Regions 4, 5

Department of the Army
ATTN: CENAN-OP-R
NY District, Corps of Engineers
1 Buffington Street
Building 10, 3rd Floor
Watervliet, NY 12189-4000
(518) 266-6350 - Permits team
(518) 266-6360 - Compliance Team
email: cenan.rfo@usace.army.mil

For DEC Regions 6, 7, 8, 9

US Army Corps of Engineers
Buffalo District
ATTN: Regulatory Branch
1776 Niagara Street
Buffalo, NY 14207-3199
(716) 879-4330
email: LRB.Regulatory@usace.army.mil

Statewide

NYS Department of State
Division of Coastal Resources
Consistency Review Unit
One Commerce Plaza
99 Washington Ave, Suite 1010
Albany, NY 12231-00001
(518) 474-6000
www.nyswaterfronts.com

Statewide

NYS Office of General Services
Real Estate Development - Land Management
Corning Tower, 26th Floor
Empire State Plaza
Albany, NY 12242-0001
(518) 474-2195
www.oqs.state.ny.us



New York State

JOINT APPLICATION FORM

For Permits/Determinations to undertake activities affecting streams, waterways waterbodies, wetlands, coastal areas and sources of water supply.



US Army Corps of Engineers (USACE)

Separate Permits/Determinations must be obtained from each involved agency prior to proceeding with work. Please read all instructions.

1. Check All That Apply: NYS Department of Environmental Conservation <input type="checkbox"/> Stream Disturbance <input type="checkbox"/> Excavation and Fill in Navigable Waters <input type="checkbox"/> Docks, Moorings or Platforms <input type="checkbox"/> Dams and Impoundment Structures <input type="checkbox"/> 401 Water Quality Certification <input type="checkbox"/> Freshwater Wetlands <input type="checkbox"/> Tidal Wetlands <input type="checkbox"/> Coastal Erosion Management <input type="checkbox"/> Wild, Scenic and Recreational Rivers <input type="checkbox"/> Water Supply <input type="checkbox"/> Long Island Well <input type="checkbox"/> Aquatic Vegetation Control <input type="checkbox"/> Aquatic Insect Control <input type="checkbox"/> Fish Control US Army Corps of Engineers <input type="checkbox"/> Section 404 Clean Water Act <input type="checkbox"/> Section 10 Rivers and Harbors Act <input type="checkbox"/> Nationwide Permit(s) - Identify Number(s): _____ Preconstruction Notification - <input type="checkbox"/> Y / <input type="checkbox"/> N NYS Office of General Services (State Owned Lands Under Water) <input type="checkbox"/> Utility Easement (pipelines, conduits, cables, etc.) <input type="checkbox"/> Docks, Moorings or Platforms NYS Department of State <input type="checkbox"/> Coastal Consistency Concurrence	2. Name of Applicant (use full name) Applicant must be (check all that apply): <input type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Lessee Street Address Taxpayer ID (If applicant is NOT an individual): Post Office City State Zip Code Telephone (daytime) Email	3. Name of Facility or Property Owner , if different than Applicant Street Address Post Office City State Zip Code Telephone (daytime) Email	
	4. Contact/Agent Name Company Name Street Address Post Office City State Zip Code Telephone (daytime) Email		
	5. Project / Facility Name Property Tax Map Section / Block / Lot Number Project Location - Provide directions and distances to roads, bridges and bodies of waters: Street Address, if applicable Post Office City State Zip Code Telephone, if applicable Email NY Town / Village / City County Name of USGS Quadrangle Map Stream/Water Body Name		
	Location Coordinates: Enter NYTMs in kilometers, OR Latitude/Longitude in degrees, minutes, seconds NYTM-E NYTM- N Latitude Longitude		
	6. If applicant is not the owner, both must sign the application. I hereby affirm that information provided on this form and all attachments submitted herewith is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law. Further, the applicant accepts full responsibility for all damage, direct or indirect, of whatever nature, and by whomever suffered, arising out of the project described herein and agrees to indemnify and save harmless the State from suits, actions, damages and costs of every name and description resulting from said project. In addition, Federal Law, 18 U.S.C., Section 1001 provides for a fine of not more than \$10,000 or imprisonment for not more than 5 years, or both where an applicant knowingly and willingly falsifies, conceals, or covers up a material fact; or knowingly makes or uses a false, fictitious or fraudulent statement.		
	Signature of Applicant Printed Name Title Date	Signature of Owner Printed Name Title Date	Signature of Agent Printed Name Title Date

For Agency Use Only

DEC Application Number:

USACE Number:

JOINT APPLICATION FORM - PAGE 2 OF 2

Submit this completed page as part of your Application.

7. **Project Description and Purpose:** Provide a complete narrative description of the proposed work and its purpose. Attach additional page(s) if necessary. Include: description of current site conditions and how the site will be modified by the proposed project; structures and fill materials to be installed; type and quantity of materials to be used (i.e., cubic yds or square ft of fill material below ordinary high water, or of structures below mean high water); area of excavation or dredging, volumes of material to be removed and location of dredged material disposal or use; work methods and type of equipment to be used; pollution control methods and mitigation activities proposed to compensate for resource impacts; and where applicable, the phasing of activities.

Proposed Use: Private Public Commercial Will Project Occupy Federal, State or Municipal Land? Yes No
If yes, please specify.

Has Work Begun on Project? Yes No If Yes, explain.

Proposed Start Date: Estimated Completion Date:

8. List Previous Permit / Application Numbers (if any) and Dates:

9. Will this project require additional Federal, State, or Local Permits including zoning changes? Yes No If Yes, please list:

10. Based on the permits and determinations requested and project location, check all the boxes corresponding to each of the Agencies and Offices to which you are filing an application. For Agency addresses and areas covered, refer to the Agency Contact Information on the Application Instructions - Page 2.

NYS Department of Environmental Conservation

- REGION 1 Stony Brook
- REGION 2 Long Island City
- REGION 3 New Paltz
- REGION 4 Schenectady
- REGION 4 Stamford Sub-Office

- REGION 5 Ray Brook
- REGION 5 Warrensburg Sub-Office
- REGION 6 Watertown
- REGION 6 Utica Sub-Office

- REGION 7 Syracuse
- REGION 7 Cortland Sub-Office
- REGION 8 Avon
- REGION 9 Buffalo
- REGION 9 Allegany Sub-Office

US Army Corps of Engineers

- NY District, NYC
- NY District, Watervliet
- Buffalo District

NYS Department of State

NYS Office of General Services

For Agency Use Only

DETERMINATION OF NO PERMIT REQUIRED

Agency Project Number _____
_____ has determined that No Permit is required from this Agency for the project described in this application.
(Agency Name)

Agency Representative: Name (printed) _____ Title _____
Signature _____ Date _____



PERMISSION TO INSPECT PROPERTY

By signing this permission form for submission with an application for a permit(s) to the Department of Environmental Conservation ("DEC"), the signer consents to inspection by DEC staff of the project site or facility for which a permit is sought and, to the extent necessary, areas adjacent to the project site or facility. This consent allows DEC staff to enter upon and pass through such property in order to inspect the project site or facility, without prior notice, between the hours of 7:00 a.m. and 7:00 p.m., Monday through Friday. If DEC staff should wish to conduct an inspection at any other times, DEC staff will so notify the applicant and will obtain a separate consent for such an inspection.

Inspections may take place as part of the application review prior to a decision to grant or deny the permit(s) sought. By signing this consent form, the signer agrees that this consent remains in effect as long as the application is pending, and is effective regardless of whether the signer, applicant or an agent is present at the time of the inspection. In the event that the project site or facility is posted with any form of "posted" or "keep out" notices, or fenced in with an unlocked gate, this permission authorizes DEC staff to disregard such notices or unlocked gates at the time of inspection.

The signer further agrees that during an inspection, DEC staff may, among other things, take measurements, may analyze physical characteristics of the site including, but not limited to, soils and vegetation (taking samples for analysis), and may make drawings and take photographs.

Failure to grant consent for an inspection is grounds for, and may result in, denial of the permit(s) sought by the application.

Permission is granted for inspection of property located at the following address(es):

*By signing this form, I affirm under penalty of perjury that I am authorized to give consent to entry by DEC staff as described above. I understand that false statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.**

Print Name and Title

Signature

Date

*The signer of this form must be an individual or authorized representative of a legal entity that:

- owns fee title and is in possession of the property identified above;
- maintains possessory interest in the property through a lease, rental agreement or other legally binding agreement; or
- is provided permission to act on behalf of an individual or legal entity possessing fee title or other possessory interest in the property for the purpose of consenting to inspection of such property.

**2012 AQUATIC PESTICIDE PERMIT APPLICATION
SARATOGA LAKE
Stillwater and Malta, NY**

February 2012

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, Inc.
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:
Saratoga Lake Protection and Improvement District
(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 and signed. Either a copy of the letter and the receipt of mailing or the original letter with signatures is attached. (A receipt for the purchase of stamps is not an acceptable receipt.)

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 and signed. A copy of the letter and the receipt of mailing or the original letter with signatures is attached. (A receipt for the purchase of stamps is not an acceptable receipt.)

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: _____

Print or type Name: Marc Bellaud, VP/Aquatic Biologist, Aquatic Control Technology, Inc.

DATE: _____

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

False statements made on this document are punishable under §210.45 of the Penal Law
(11/02)

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

«Last_Name» «First_Name»
«or_Current_Resident»
«Address»
«City», «ST» «Zip»



February 10, 2012

Saratoga Lake Property Owner:

Saratoga Lake Protection and Improvement District (SLPID) continues to work towards effectively controlling the invasive species (non-native weeds) in Saratoga Lake. Since 2007, an integrated management program utilizing winter drawdown, mechanical harvesting and herbicide treatments has been effectively employed.

For the 2012 season, SPLID proposes to treat aggressive growth of invasive Eurasian watermilfoil and curlyleaf pondweed at the southeastern end of the lake. Other areas will be managed throughout the summer with the harvesters. Up to 100 acres in the lake may be treated. The final treatment area will be determined following an early season survey. The treatment is tentatively scheduled to occur on May 22, 2012. Treatment using Renovate OTF herbicide (active ingredient triclopyr) for Eurasian watermilfoil control and Clearcast 2.7G herbicide (active ingredient imazamox) for curlyleaf pondweed control is proposed. Both products are registered for aquatic weed control by the U.S. Environmental Protection Agency (EPA) and New York State. Copies of the herbicide specimen labels can be accessed on-line at the following websites:

- Renovate OTF, EPA Reg. No. 67690-42: http://www.sepro.com/documents/RenovateOTF_Label.pdf
Special Local Need Registration, SLN NY-070004: <http://132.236.168.120/ppds/515588.pdf>
- Clearcast 2.7G, EPA Reg. No. 241-439-67690: http://www.sepro.com/documents/Clearcast_2.7G_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). It is expected that the targeted Eurasian watermilfoil and curlyleaf pondweed plants will be controlled within approximately two weeks of the date of treatment. Early season treatments with these herbicides have demonstrated good selectivity for the targeted invasive weeds. Non-target native aquatic plants are expected to remain to provide a habitat for fish and other marine life.

As a riparian owner/user you have the right to object to the restrictions of water use resulting from the proposed application. The anticipated restrictions on water use that will result from the proposed application will be: Swimming – treated areas will be closed for the day of treatment; Irrigation – lake water cannot be used for irrigation purposes until testing shows that the in-lake triclopyr concentrations are less than 1 ppb, which is expected to take 4-6 weeks, but there is no restriction on use of treated water to irrigate established grasses; and Potable/Domestic Water – treated lake water cannot be used as a potable/domestic water source for 14 days and until the in-lake triclopyr concentrations are <50 ppb. You are requested to notify us at the above address or phone number as soon as possible if you have a water intake line in Saratoga Lake. If you wish to object to the proposed treatment you need to send a written notice stating 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 date will be provided by posting of the lake shoreline, publishing notices in the Saratogian newspaper, and on the following websites: www.sara-lake.org and www.saratogalake.org. If you wish further information about the treatment, please contact the following person: Joe Finn, Saratoga Lake Protection and Improvement District, telephone (518) 581-0409, or visit the websites listed above.

Sincerely,

Ed Dweck
Chairman, Saratoga Lake Protection and Improvement District

