

Date: June 8, 2024

To: Olin Reed, VT DEC Lakes and Ponds

From: Marc Bellaud, Technical Director

Cc: Dan Ewald and John Pareti, Lake Beebe Association

Re: Notification of Treatment – Lake Beebe (ANC Permit No. 3003-ANC-C)

Please accept this as the final treatment plan for the ProcellaCOR EC herbicide treatment of Eurasian watermilfoil (*Myriophyllum spicatum*, EWM) and Hybrid watermilfoil (HWM) in Lake Beebe during the 2024 season.

The attached map shows the final treatment areas for the 2024 season, as well as the proposed FasTEST water sample location map for approval. A treatment date of Tuesday, July 9, 2024 is scheduled. The required pre-treatment notifications have been handled by SOLitude Lake Management and posting of warning signs have been handled by the Lake Beebe Lake Association. Copies of public notifications are attached. The pre-treatment survey was conducted on June 4, 2024 to verify and finalize the treatment areas.

Summary of Treatment Area EWM

The northeast, western and southern shorelines supported moderate to dense EWM growth during the pre-treatment survey. The plants generally had 1-2 feet of active growth and plants were no more than 3-4 feet tall and still well below the water's surface. Native plant growth was present, but not yet robust due to the timing of the early season survey. Native plant species documented during the fall 2023 comprehensive survey were present and actively growing. The limited scope of the 2024 treatment should limit any potential impact to native and sensitive species. Limited treatment is proposed near the wetland area at the northern end of the lake.

As described in the permit application, we are planning to apply area-selective treatments of ProcellaCOR EC (4 PDU/ac-ft or 7.72 ppb/ac-ft). A slightly higher application rate is needed to overcome dilution due to the small size of the treatment areas, and because of the likely presence of hybrid milfoil that is more tolerant of ProcellaCOR EC. A copy of the dosing table is provided below:

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Site	Description	Acreage	Avg Depth	Acre-feet	Rate	PDU's
A	NW shore	1.29	6	7.74	4	30.96
B	NE shore	1.08	5	5.4	4	21.6
C	E shore	0.46	6	2.76	4	11.04
D	SE shore	1.17	6	7.02	4	28.08
E	SW shore	2.51	6	15.06	4	60.24
F	W shore	1.13	6	6.78	4	27.12
TOTAL		7.64		44.76		179.04

The liquid ProcellaCOR EC herbicide will be diluted with lake water in an onboard mixing tank and applied subsurface using trailing hoses. The treatment is expected to be completed in one workday beginning at 1 pm and ending at approximately 4 pm. A private residence will be used to launch the boat and as the base of operations.

Spread Prevention Measures

Please accept the following as written documentation of the spread prevention measures that we intend to employ, in accordance with the general conditions.

Prior to each treatment, all boats and equipment that will be used in the water will be:

- Inspected and all plants, plant fragments and animals will be removed
- The plug will be removed and the bilge water will be drained
- The boat hull, motor, and all spray equipment that will be placed in the water will be thoroughly washed with "Formula 409 Cleaner Degreaser Disinfectant" or similar or rinsed with a pressure washer

Upon completion of the treatment and once the boat is loaded back onto the trailer, the boat and equipment will be:

- Inspected and all plants, plant fragments and animals will be removed
- The plug will be removed and the bilge water will be drained
- The boat hull, motor, and all spray equipment that was placed in the water will be sprayed with "Formula 409 Cleaner Degreaser Disinfectant" or similar
- The boat and equipment will be more thoroughly washed and re-inspected upon return to its home SOLitude office and before being used on another waterbody

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Attached Documents

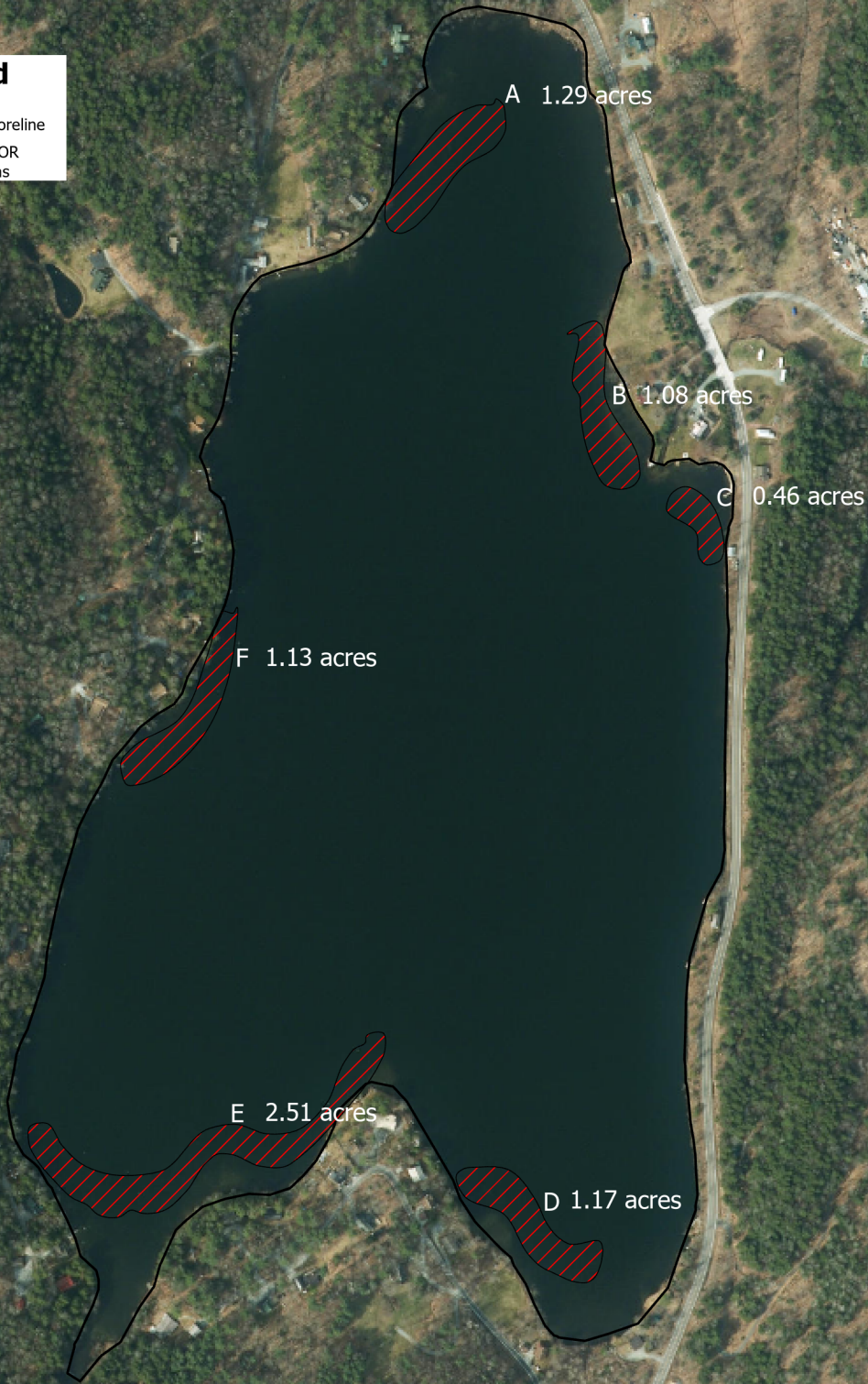
- 2024 treatment areas map
- Littoral zone and ANR Wetlands maps
- 2024 FastEST sample location map
- Copy of the water-use recommendation poster
- Copy of the abutter notice

Please feel free to contact Marc Bellaud (508-865-1000, mbellaud@solitudelake.com) immediately if you require any additional information for this treatment notice.

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Legend

-  Lake Beebe Shoreline
-  2024 ProcellaCOR Treatment Areas

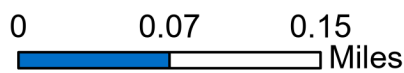


VCGI, Maxar, Microsoft

Lake Beebe
Hubbardston, VT
Rutland County
Scale: 1:6,041






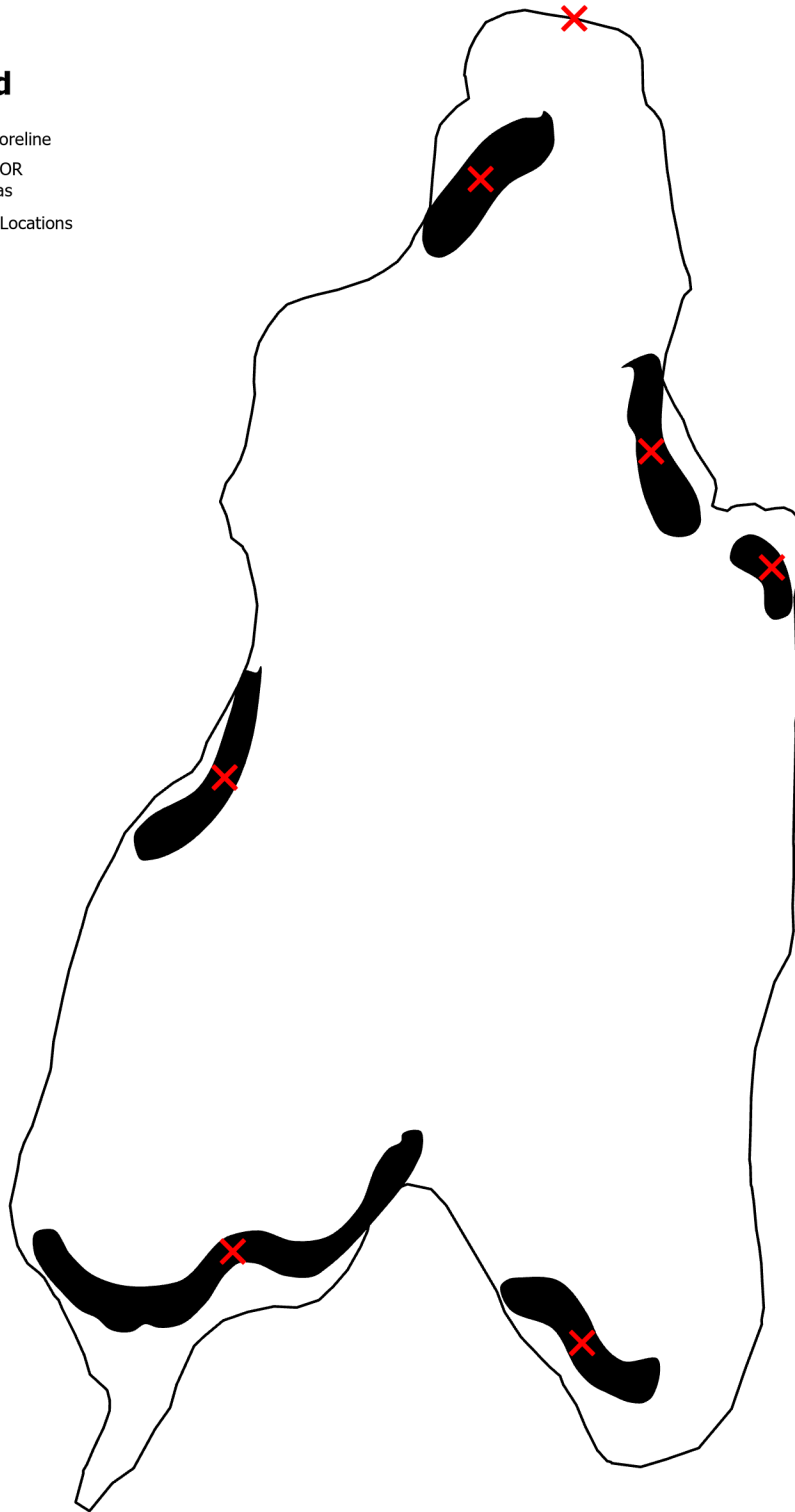
LAKE BEEBE



Map Date: 6/6/24
Prepared by: E. Vulgamore
Office: SHREWSBURY, MA

Legend

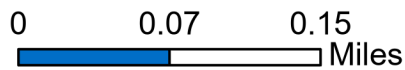
-  Lake Beebe Shoreline
-  2024 ProcellaCOR Treatment Areas
-  2024 FasTEST Locations



Lake Beebe
Hubbardston, VT
Rutland County
Scale: 1:6,041







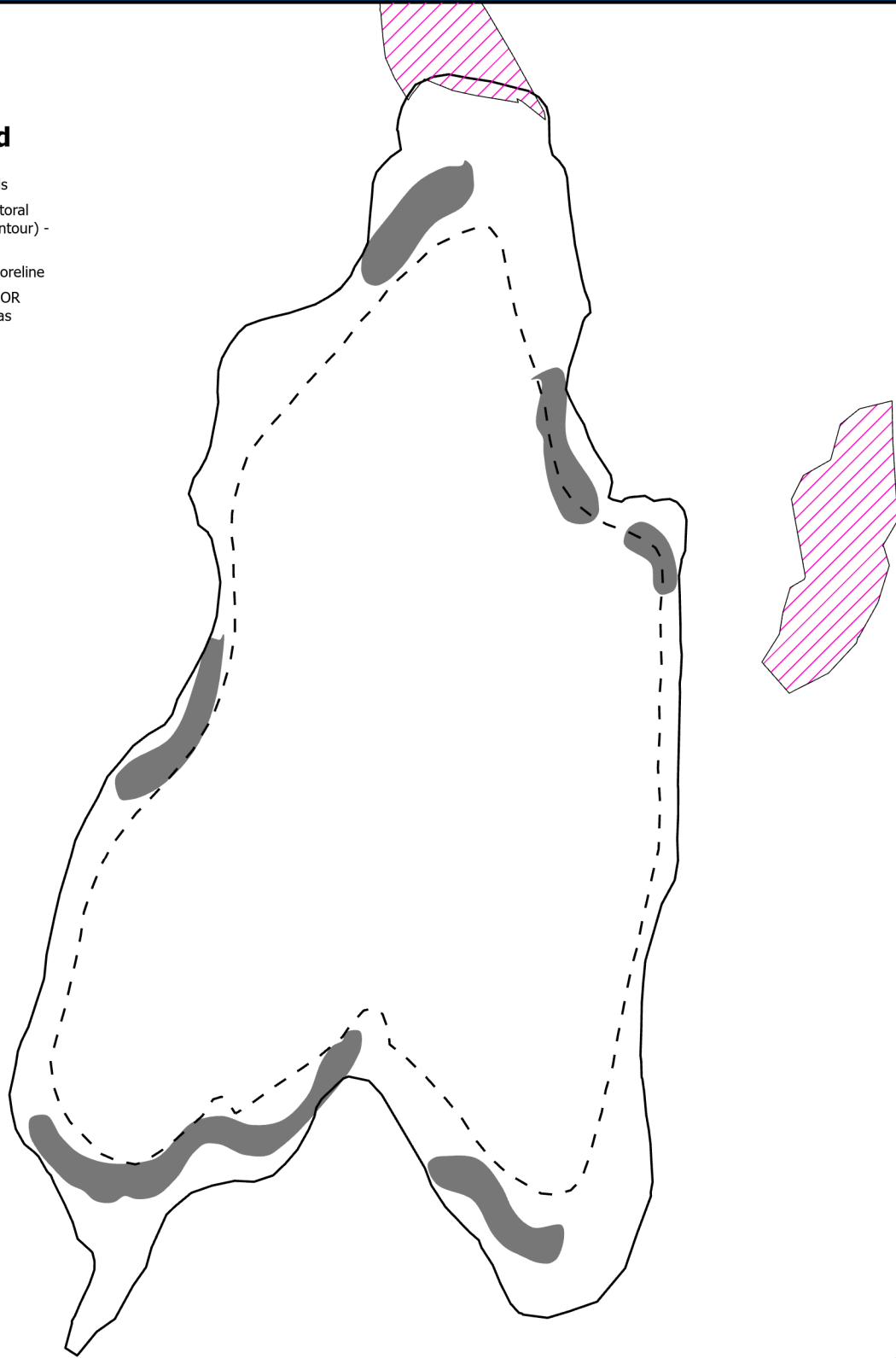
LAKE BEEBE



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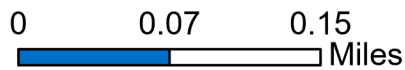
-  VSWI_Wetlands
-  Lake Beebe Littoral Zone (18 ft Contour) - 34.1 acres
-  Lake Beebe Shoreline
-  2024 ProcellaCOR Treatment Areas



Lake Beebe
Hubbardston, VT
Rutland County
Scale: 1:6,041

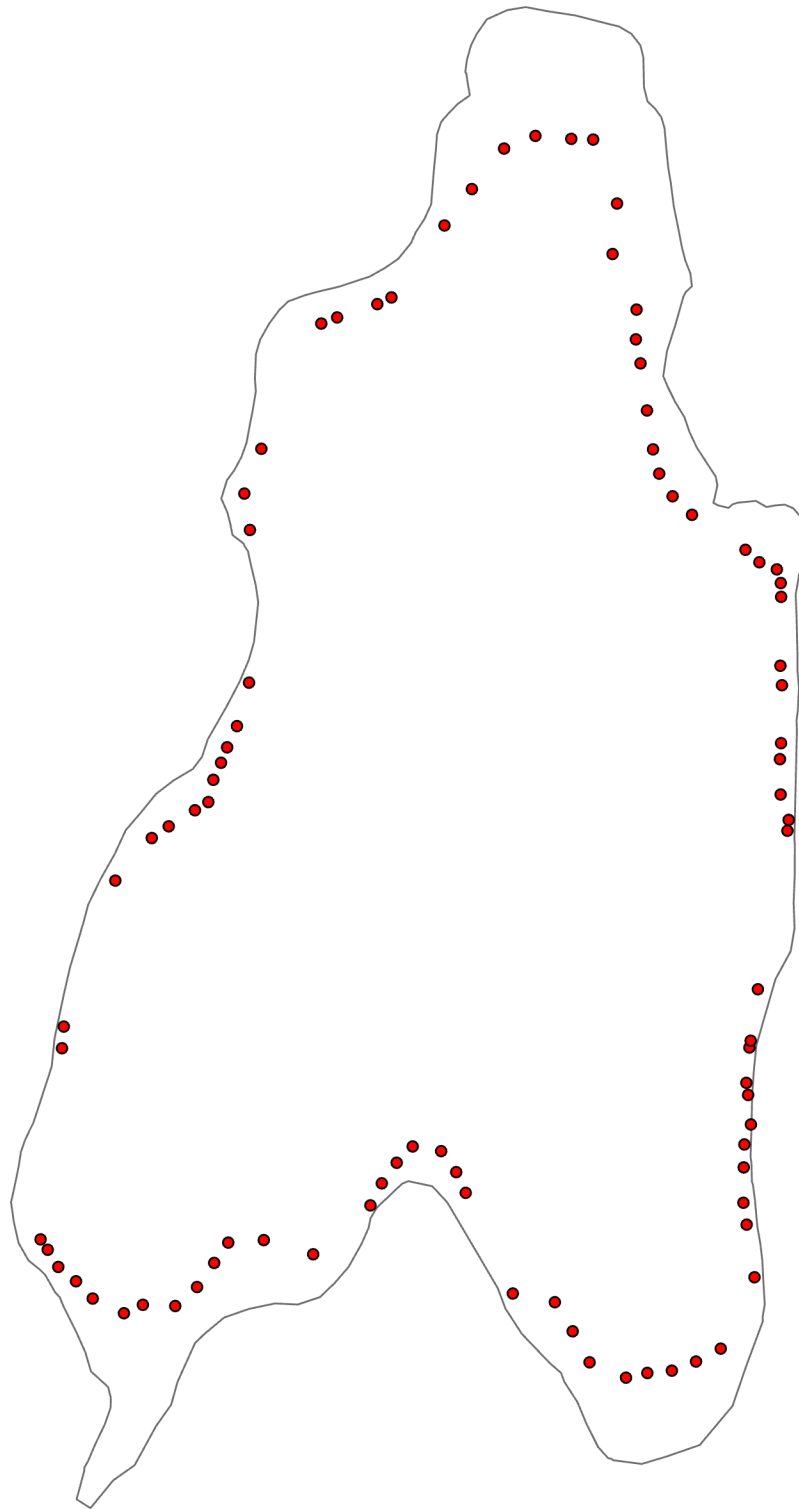


LAKE BEEBE



Map Date: 6/6/24
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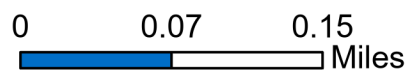
Figure 1. Lake Beebe June 4, 2024 Eurasian Watermilfoil Distribution Pre-Treatment Survey



Lake Beebe
Vermont
Scale: 1:6,041



LAKE BEEBE



Survey Date: 6/4/24
Prepared by: E. Vulgamore
Office: SHREWSBURY, MA

Advisory Notice and Map

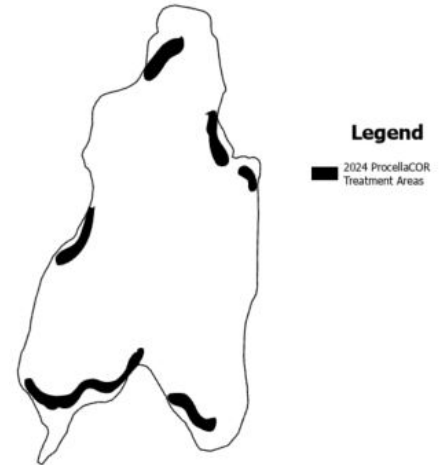
The Lake Beebe Lake Association and SŌlitude Lake Management plan to conduct an aquatic herbicide treatment using SePRO **ProcellaCOR[®] EC** (active ingredient florpyrauxifen-benzyl) in Lake Beebe as authorized under Aquatic Nuisance Control Permit #3003-ANC-C.

The target date/time for the initial treatment is **Tuesday, July 9, 2024, beginning at 12 pm**

Signs will be posted around the shoreline, along adjacent roadways; the Town Offices; and at all public and private campgrounds and access points with the exact treatment date/time and updated use advisories.

Lake Water Advisory Use Recommendations

- It is recommended there be NO USE of Lake Beebe waters and water from the outlet stream FOR ANY PURPOSE on the day of treatment including boating, fishing, swimming, domestic (household) use, or irrigation.
- It is recommended that swimming/wading, boating, fishing and domestic (household) use may resume 24 hours after completion of treatment.
- It is recommended there be NO USE of water from Lake Beebe and from the outlet stream FOR RESIDENTIAL AND OTHER NON-AGRICULTURAL IRRIGATION beginning the day of treatment and continuing until notification is provided that the active ingredient in SePRO ProcellaCOR[®] EC is at or below 2 parts per billion OR until after a 7-day waiting period has passed, whichever is longer. Established turf may be irrigated immediately after treatment.



The exact duration of the above restrictions on this Notice is subject to change. Please refer to the posted signs and the website listed below for up-to-date information regarding water use recommendations. Bottled water is available upon request by the Lake Beebe Lake Association (contact information below) to any person restricted from using their domestic water supply for drinking or food or drink preparation on the day of treatment only. IF A RESIDENCE OR PROPERTY IS LEASED, RENTED OR USED at any time after the initial treatment until December 31, 2021, the property owner is responsible for informing all transient users of the treatment and these advisory water-use recommendations.

Any person who chooses to ignore these use advisories does so at their own risk.

Please refer to www.solitudelakemanagement.com/vermont for additional information and updated water use advisories and recommendations.

For additional information contact:

Marc Bellaud

SŌlitude Lake Management
590 Lake Street
Shrewsbury, MA 01545
Office: 508-826-5137

Dan Ewald

Lake Beebe Lake Assoc.
1 Ethan Lane
Hubbardton, VT 05733
Cell: 802-342-0035

Olin Reed

Dept. of Environmental Conservation
1 National Life Drive
Montpelier, VT 05602
Phone: 802-490-6199

WARNING

AQUATIC PESTICIDE IN USE

Due to aquatic herbicide use in Lake Beebe with SePRO ProcellaCOR EC (active ingredient florpiauxifen-benzyl), authorized under Aquatic Nuisance Control Permit #3003-ANC-C, the following advisory water use restrictions are in effect for the entire lake and outlet stream.

LAKE WATER ADVISORY USE

RECOMMENDATIONS

- NO USE of Lake Beebe waters and water from the outlet stream FOR ANY PURPOSE including boating, fishing, swimming, domestic (household) use or irrigation, the day of treatment on:

Tuesday, July 9, 2024, beginning at 12 pm

- Swimming/wading, boating, fishing and domestic (household) use may resume on:

Wednesday, July 10, 2024, beginning at 12 pm

- USE of water from Lake Beebe FOR IRRIGATION PURPOSES including for watering lawns, trees, or other plants may resume on:

Tuesday, July 16, 2024, beginning at 12 pm or earlier based on sampling results, please refer to the website below for results

Please refer to www.solitudelakemanagement.com/vermont for additional information and updated water use advisories and recommendations.

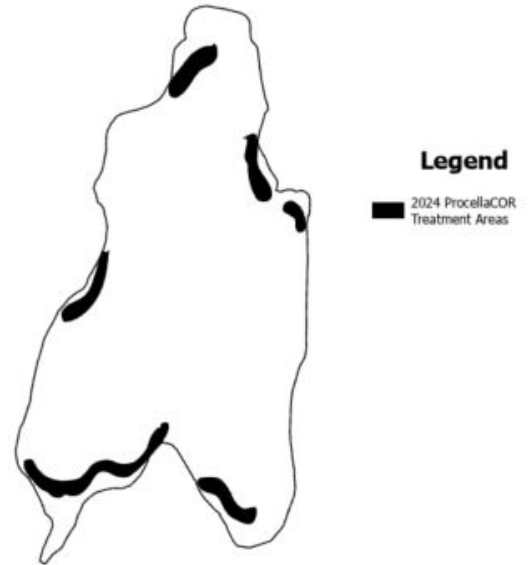
Bottled water is available upon request by the Lake Beebe Lake Association (contact information below) to any person restricted from using their domestic water supply for drinking or food or drink preparation on the day of treatment only. Any person who chooses to ignore these use advisories does so at their own risk.

For additional information contact:

Marc Bellaud
SOLitude Lake Management
590 Lake Street
Shrewsbury, MA 01545
Cell: 508-826-5137

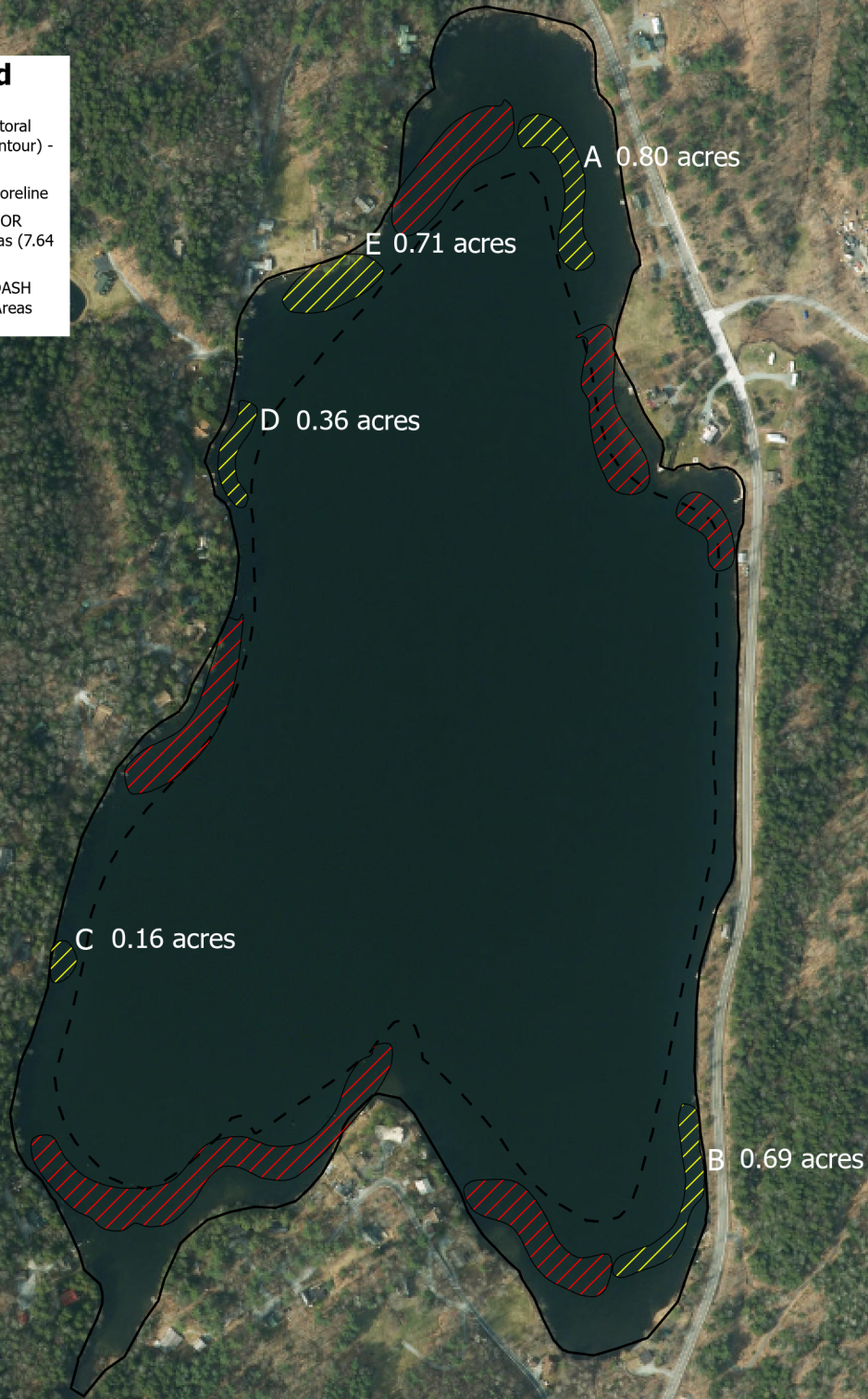
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Montpelier, VT 05602
Phone: 802-490-6199



Legend

- Lake Beebe Littoral Zone (18 ft Contour) - 34.1 acres
- Lake Beebe Shoreline
- 2024 ProcellaCOR Treatment Areas (7.64 acres)
- Hand Pulling/DASH Management Areas (2.72 acres)

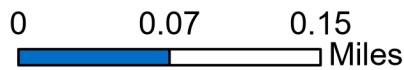


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