

October 29, 2025

Mr. David J. Rousseau, Director
NH Division of Pesticide Control
PO Box 2042
Concord, NH 03302-2042

Re: 2025 Aquatic Weed Management at Pillsbury Lake in Webster, NH - SP-211

Dear Mr. Rousseau:

In accordance with NH Pesticide Rules 603.03, SOLitude Lake Management is submitting a written year-end report for the herbicide treatment of portions of Pillsbury Lake in Webster. This treatment was conducted in accordance with the conditions of Special Permit # SP-211 issued by the Division of Pesticide Control.

Project Summary

Project (Site/Location):	Pillsbury Lake / Webster, NH
Special Permit #:	SP-211
Pre-Treatment Survey:	June (via drone footage); July (prior to treatment) 2025 (SLM)
Treatment Summary:	<u>Treatment Date: July 8, 2025</u> <i>Target Species:</i> Watershield / Lilies <i>Area Treated:</i> 10 acres <i>Treatment Area Depth:</i> 5 ft. average <i>Herbicide Application:</i> Foliar application from Jon Boat with low pressure sprayer and GPS unit Herbicide: Procellacor EC (Florpyrauxifen-benzyl), EPA Reg. No. 67690-80 <i>Application Rate:</i> 10 PDUs/surface acre <i>Total Herbicide Used:</i> 100 PDUs Herbicide: Clearcast (Imazamox), EPA Reg. No. 241-437-67690 <i>Application Rate:</i> 0.5 gallon (64 oz) per surface acre <i>Total Herbicide Used:</i> 5 gallons
Post-Treatment Survey:	September 5, 2025 (SLM, PLVD & SePRO)
Control of Target Species:	▪ The combination of Procellacor & Clearcast herbicides provided excellent control of the targeted watershield (<i>Brasenia</i>). ▪ Spot treatment of yellow & white lilies was successful in further reducing lily density where treated. ▪ Dense cover (nuisance levels in some areas) of native plants, primarily bladderwort, naiad, Robin's spikesedge and various pondweeds remained throughout the lake. ▪ Other aquatic plants observed in the treatment area that appeared to be healthy included (little to no impact occurred to plants listed below, unless otherwise noted*): <i>Potamogeton spp.</i> Pondweeds (large-leaf, Oak's & ribbon-leaf) <i>Pontederia sp.</i> Pickerelweed <i>Typha</i> Cattails <i>Carex sp.</i> Sedge <i>Elodea sp.</i> Waterweed <i>Najas flexilis</i> Northern Naiad <i>Scirpus sp.</i> Bulrush <i>Sparganium sp.</i> Burreed <i>Utricularia spp.</i> Bladderwort (*reduced) <i>Eleocharis sp.</i> Spikesedge <i>Nitella</i> Macro algae ▪ No unanticipated impacts to non-targeted plants or other aquatic organisms were observed in or adjacent (Habitat Preservation Areas) to the treated areas during the post-treatment surveys.

Herbicide Residue Testing Results:	Samples were collected and analyzed by Granite State Analytical in accordance with the permit requirements. <u>July 8, 2025 Treatment</u> <u>Procellacor (Florpyrauxifen-benzyl)</u> - Result of the <u>2-day</u> sample Site 1: <u>1.2</u> ppb - Result of the <u>6-day</u> sample Site 1: <u><1</u> ppb <u>Clearcast (Imazamox)</u> - Result of the <u>2-day</u> sample Site 1: <u>19.8</u> ppb - Result of the <u>6-day</u> sample Site 1: <u>4.4</u> ppb - Copies of the laboratory reports are attached.
Late summer reports (DES, Assoc, etc.):	PLVD reported that abutters were very happy with the result of the treatment
Ongoing Management Recommendations:	- Pillsbury Lake is a shallow nutrient rich pond that has posed continual management challenges, due to its rich sediment and progressive weed growth. With that said, in 2024/2025, excellent progress was made towards the overall control of floating leaf vegetation. - The submersed vegetation is at nuisance levels throughout much of the lake, as seen during the post-treatment survey this year. Treatment will likely be proposed for Pillsbury Lake in 2026 to manage nuisance submersed vegetation. - SŌLitude continues to consult with SePRO (herbicide manufacturer) and the PLVD to come up with the best approach to avoid low efficacy due to outside contributing factors.

We trust that this report satisfies the reporting requirement for the 2025 herbicide treatment program performed at Pillsbury Lake.

Please feel free to contact our office if you have any questions or require additional information.

Sincerely,

SŌLITUDE LAKE MANAGEMENT

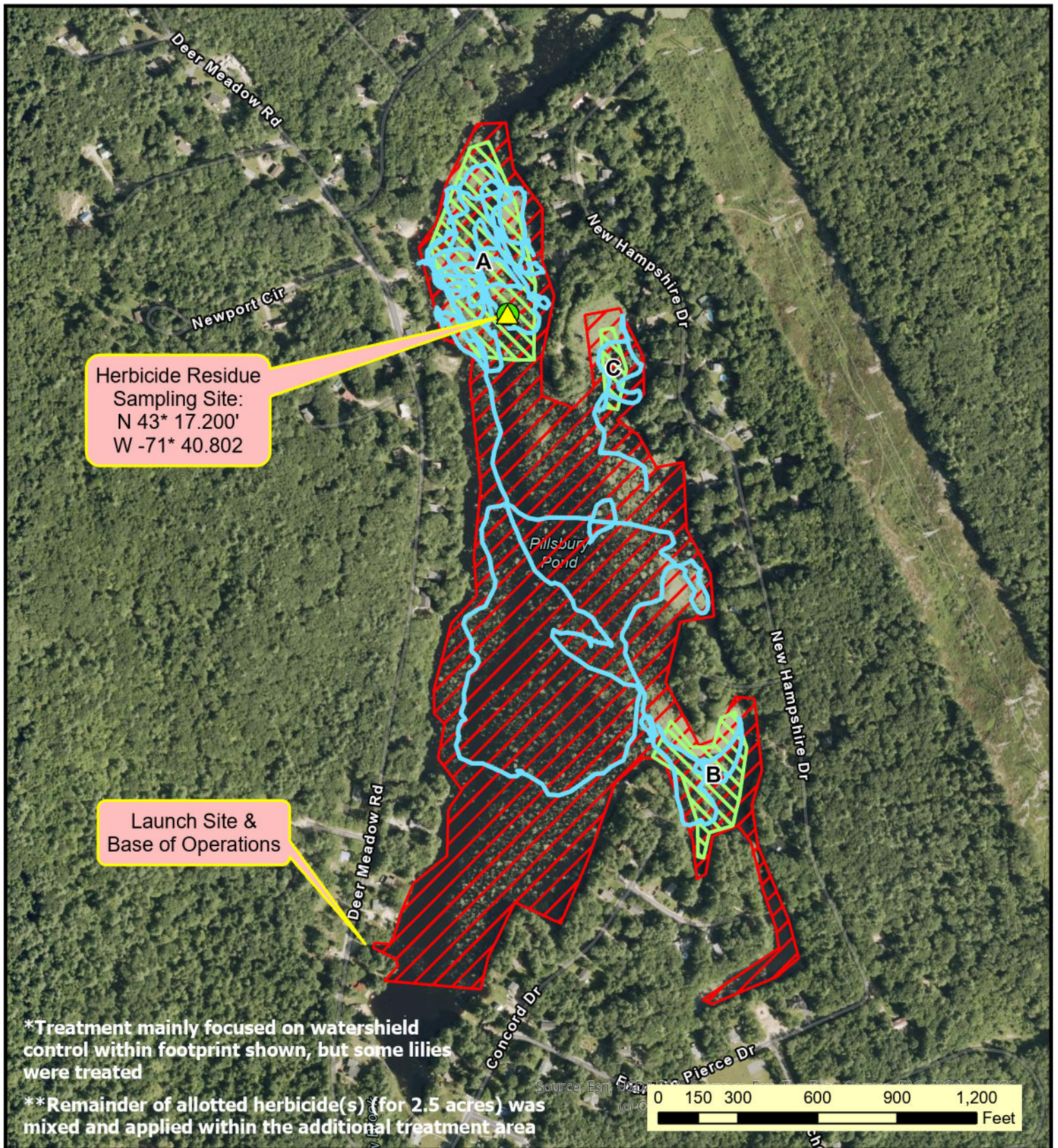


Pete Beisler

Senior Aquatic Specialist

Enclosures: Actual Treatment Map
 Laboratory Reports for post-treatment herbicide residue testing

cc: Michael Malecha, Pillsbury Lake Village District (via email)
 Michael Dionne, NH Fish and Game Department (via email)
 Madeline Severance, NH DNCR (via email)



PILLSBURY LAKE

Webster, NH

2025 Actual Treatment & Sampling Map

Legend:

- ▨ Treatment Areas (7.5 acres)*
- ▨ Additional Treatment Area (Up to 2.5 acres)*
- Actual Treatment Track (7/8/25)**
- 2 Day Sampling Location
- ▲ 6 Day Sampling Location



SOLITUDE LAKE MANAGEMENT
590 LAKE STREET
SHREWSBURY, MA 01545
PHONE: (508) 865-1000
SOLITUDELAKEMANAGEMENT.COM



FIGURE:	SURVEY DATE:	MAP DATE:
2	7/8/25	9/22/25