

## HERBICIDE APPLICATION RECORD FORM

**LOCATION:** Joe's Pond

**DATE(S) OF APPLICATION:** 08/13/2025

**TIME OF APPLICATION:** 10:00 AM - 11:30 AM

**APPLICATOR'S NAMES/LICENSE NUMBER:** Mike Tartaglia / 582-6025

**PERMIT NUMBER(S):** ANC Permit No. 4375-ANC-GPRR

**APPLICATION TECHNIQUE & EQUIPMENT:**

Sub-surface application of diluted liquid herbicide solution using weighted drop-hoses and a calibrated low-pressure, high-volume pumping system. System calibrated to deliver 3 gals of spray mixture per minute diluted another 10X with lake water. 20 foot airboat.

**SITE DESCRIPTION:**

Two distinct areas totaling 22.6 acres were treated as shown in the attached map.

**WEATHER CONDITIONS:** Sunny with a slight breeze on the water, relatively calm water. Roughly 84 degrees.

**TARGET SPECIES:** Eurasian watermilfoil (*Myriophyllum spicatum*), Variable Watermilfoil (*Myriophyllum heterophyllum*)

**WATER QUALITY PRIOR TO TREATMENT:**

T/DO Profile:

Depth (m)	0	1	2	3	4	5	6	7
T (°C)	24.9	24.8	24.8	24.7	24.7	24.6	24.2	23.6
DO (mg/l)	9.29	9.29	9.28	9.28	9.29	9.29	9.25	9.18



**PESTICIDE USE:**

Treatment Date	Pesticide Trade Name(s)	Pesticide Active Ingredient(s)	EPA Registration Number	Formulation	Cumulative Area Treated & Product	Dose Rate
08/13/2025	ProcellaCOR EC	Florpyrauxifen-benzyl 2.7%	67690-80	liquid	22.6 acres 406.8 PDUs 1,301.76 ounces 10.17 gals	3 PDUs/ac-ft or (5.79 ppb/ac-ft)

SITE	DESCRIPTION	ACREAGE	AVG DEPTH	TYPE	RATE	PDUs
A	Northern Treatment Area	13.31	6	ProcellaCOR EC	3	239.5
B	Western Shoreline	9.29	6	ProcellaCOR EC	3	167.3

**TOTAL PRODUCT APPLIED:** 406.8 PDUs or 10.17 gals of ProcellaCOR EC

**GENERAL NOTES:** Treatment guided using hand-held GPS unit to ensure equal coverage and location of treatment. Treatment conducted successfully with no issues.

# Figure 1. 2025 Proposed ProcellaCOR EC Treatment Areas

Joe's Pond



## Site Information



**Joe's Pond**  
West Danville, Vermont

Center: 71°38'38"W 44°N  
Scale: 1:20,140,751

0 500 1,000  
US Feet



## Key

-  2025 ProcellaCOR EC Treatment Areas (22.61 acres)
-  Littoral Zone (145.5 acres)

**Waterbody:** 396 acres

**Littoral Zone:** 145.5 acres

**Total Treatment:** 15.54 % of the littoral zone

## Target Species

Eurasian Watermilfoil  
(*Myriophyllum spicatum*)



## Map Details

**Survey Date:** 2025 by AE

**Map Date:** July 8, 2025

**Prepared For:** Joe's Pond Association

**Map Author:** E. Vulgamore

**Office:** Massachusetts

Maxar

# Figure 2. 2025 Proposed ProcellaCOR EC Treatment Areas and Delineated Wetlands

Joe's Pond



### Site Information

Joe's Pond  
West Danville, Vermont

Center: 71°38'38"W 44°N  
Scale: 1:20,140,751

0 500 1,000  
US Feet



### Key

- 2025 ProcellaCOR EC Treatment Areas (22.61 acres)
- VSWI Wetlands
- Littoral Zone (145.5 acres)

**Waterbody:** 396 acres

**Littoral Zone:** 145.5 acres

**Total Treatment:** 15.54 % of the littoral zone

### Target Species

Eurasian Watermilfoil  
(*Myriophyllum spicatum*)



### Map Details

Survey Date: 2025 by AE

Map Date: July 8, 2025

Prepared For: Joe's Pond Association

Map Author: E. Vulgamore

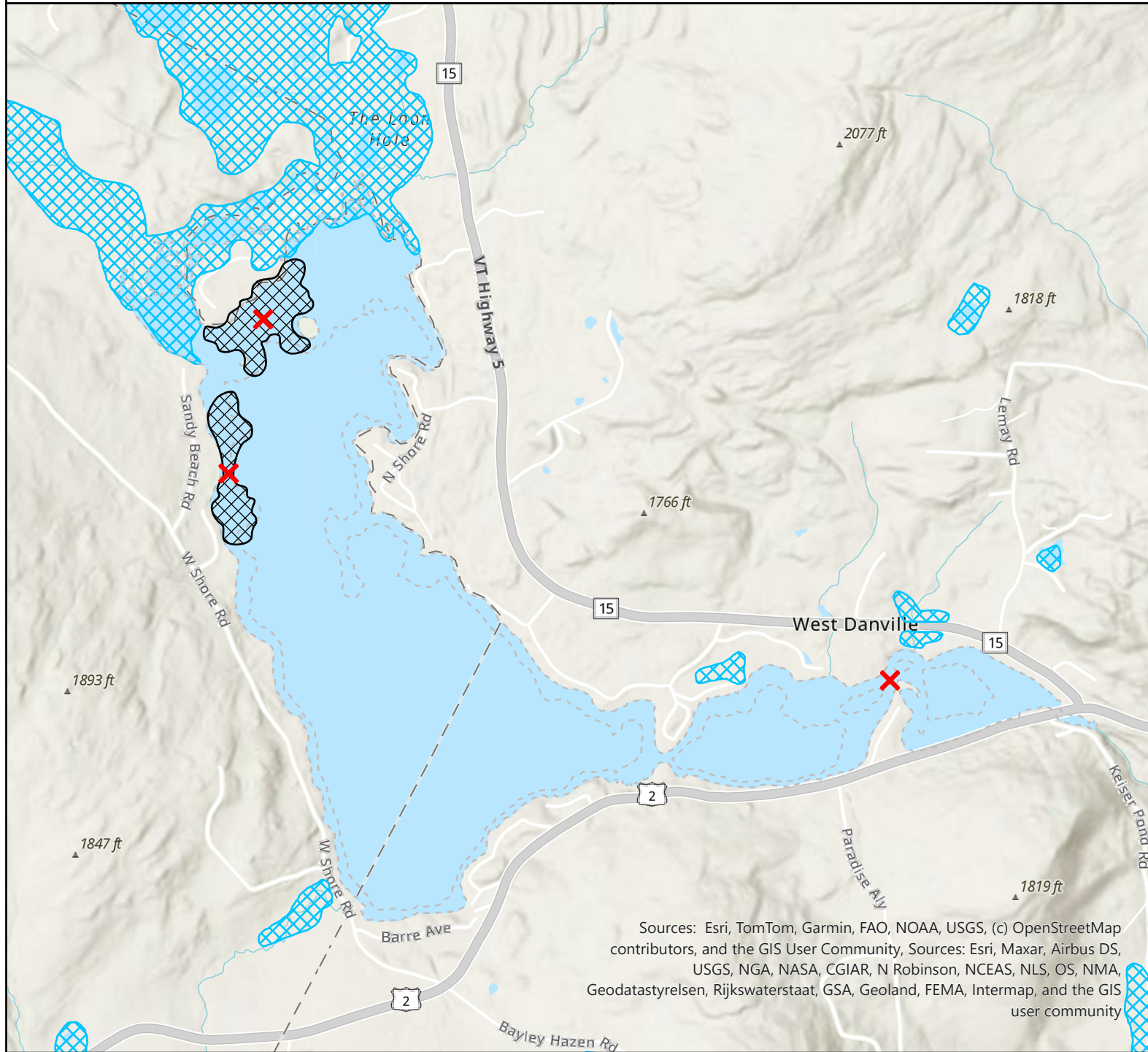
Office: Massachusetts

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# Figure 3. 2025 FasTEST Sample Locations

## Joe's Pond



### Site Information





**Joe's Pond**  
West Danville, Vermont

Center: 71°38'38"W 44°N  
Scale: 1:20,140,751

0 500 1,000  
US Feet



### Key

-  2025 FasTEST Sample Locations
-  2025 ProcellaCOR EC Treatment Areas (22.61 acres)
-  VSWI Wetlands
-  Littoral Zone (145.5 acres)

**Waterbody:** 396 acres

**Littoral Zone:** 145.5 acres

**Total Treatment:** 15.54 % of the littoral zone

### Target Species

Eurasian Watermilfoil  
(*Myriophyllum spicatum*)



### Map Details

**Survey Date:** 2025 by AE

**Map Date:** July 8, 2025

**Prepared For:** Joe's Pond Association

**Map Author:** E. Vulgamore

**Office:** Massachusetts

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Sources: Esri, Maxar, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodastystrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap, and the GIS user community



**SePRO Lab**  
Water Diagnostics for Lakes & Ponds

**FastEST\***

16013 Watson Seed Farm Road, Whitakers, NC 27891

# LABORATORY REPORT

Chain of Custody: eCOC19010

## Customer Contact Information

Company Name: Joes Pond Association	Contact Person: Barry Cahoon
Address: 960 Parker Road Danville, VT 05828-9850	E-mail Address: bear817@hotmail.com
	Phone: (802) 535-0049

## Waterbody Information

Waterbody:	Joe's Pond - VT
Waterbody size:	400
Depth Average:	25

Sample ID	Sample Location	Test	Method	Results	Sampling Date / Time
CTM67144-1	Sandy Beach	ProcellaCOR/lorpyrauxifen-benzyl (ug/L)	FAST 16	1.8	08/15/2025
		ProcellaCOR acid/lorpyrauxifen (ug/L)	FAST 16	<1	
CTM67145-1	Channel Drive	ProcellaCOR/lorpyrauxifen-benzyl (ug/L)	FAST 16	<1	08/15/2025
		ProcellaCOR acid/lorpyrauxifen (ug/L)	FAST 16	<1	
CTM67146-1	Lower Narrows	ProcellaCOR/lorpyrauxifen-benzyl (ug/L)	FAST 16	<1	08/15/2025
		ProcellaCOR acid/lorpyrauxifen (ug/L)	FAST 16	<1	

### ANALYSIS STATEMENTS:

**SAMPLE RECEIPT /HOLDING TIMES:** All samples arrived in an acceptable condition and were analyzed within prescribed holding times in accordance with the SRTC Laboratory Sample Receipt Policy unless otherwise noted in the report.

**PRESERVATION:** Samples requiring preservation were verified prior to sample analysis and any qualifiers will be noted in the report.

**QA/QC CRITERIA:** All analyses met method criteria, except as noted in the report with data qualifiers.

**COMMENTS:** No significant observations were made unless noted in the report.

**MEASUREMENT UNCERTAINTY:** Uncertainty of measurement has been determined and is available upon request.

Laboratory Information

Date / Time Received: 08/19/25 12:00 PM

Date Results Sent: Wednesday, August 20, 2025

*Disclaimer: The results listed within this Laboratory Report relate only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a dry weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the exclusive use of SRTC Laboratory and its client. This report shall not be reproduced, except in full, without written permission from SRTC Laboratory. The Chain of Custody is included and is an essential component of this report.*

*This entire report was reviewed and approved for release.*



*Reviewed By: Laboratory Manager*

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