

Application for use of a **Powered Mechanical Device**
under an **Aquatic Nuisance Control Permit**
Per 10 VSA Chapter 50, § 1455

For Aquatic Nuisance Control Permit Program Use Only

Application Number: **4445-ANC**



RECEIVED
1/14/2025

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
WATERSHED MANAGEMENT DIVISION

VERMONT DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

**WATERSHED
MANAGEMENT DIVISION**

LAKES & PONDS PROGRAM

Submission of this application constitutes notice that the entities listed below intend to use a powered mechanical device in waters of the State to control aquatic nuisance plants, insects, or other aquatic life; and that the entities below have demonstrated that (1) there is acceptable risk to the nontarget environment; (2) there is negligible risk to public health; and (3) there is either benefit to or no undue adverse effect upon the public good. Submit a permit review fee of \$35 for a private pond or \$175 for all other waterbodies, made payable to the State of Vermont. All information required on this form must be provided, and the requisite fees must be submitted to be deemed complete.

A. Applicant Information

1. Entity's Name: *Lake Bomoseen Friends - Up North Group / Town of Hubbardton*
2a. Mailing Address: *213 Ledgemere Pt Rd*
2b. Municipality: *Bomoseen / Hubbardton* 2c. State: *VT* 2d. Zip: *05732*
3. Phone: *716-725-4746* 4. Email: *pmtaylor386@gmail.com*

B. Powered Mechanical Device Operator Information (Check box if same as above in Section A: ☒)

1. Entity's Name:
2a. Mailing Address:
2b. Municipality: 2c. State: 2d. Zip:
3. Phone: 4. Email:

C. Application Preparer Information (Check box if same as above: Section A ☒ or B ☐)

1. Preparer's Name: *Paul Taylor*
2a. Mailing Address:
2b. Municipality: 2c. State: 2d. Zip:
3. Phone: 4. Email:

D. Waterbody Information

1. Name of waterbody: *Lake Bomoseen (North of the Brady Bridge)* Town - County *Hubbardton / Rutland Co.*
3. Are there wetlands associated with the waterbody? ☒ Yes ☐ No
Contact the Vermont Wetland Program: (802) 828-1115 for additional information.

4. Are there rare, threatened or endangered species associated with the waterbody? ☐ Yes ☒ No
Contact the Vermont Fish & Wildlife Natural Heritage Inventory: (802) 241-3700 for additional information.

5a. Is this waterbody a private pond? ☐ Yes ☒ No If No, Skip to Question D6.

5b. Is this private pond totally contained on Applicant's property? ☐ Yes ☐ No

6. List the uses of the waterbody – check all that apply:

☒ Water supply ☒ Irrigation ☒ Boating ☒ Swimming ☒ Fishing ☐ Other:

E. Device Activity Information

1a. Proposed annual activity start date:

June 1

1b. Proposed annual activity end date:

October 1

2. Nuisance(s) to be controlled:

Eurasian Watermillet

Submit additional information as needed.

3. Powered mechanical device to be used:

Aquamarine Aquatic Weed Harvester
Aquamarine, Inc., Oakville, Canada

Submit a copy of the manufacturer's information, if applicable.

4. Include a detailed waterbody map indicating the exact proposed activity location(s).

5. Enclose labeled photo(s) or schematic(s) of powered mechanical device.

6. Attach a narrative description of the proposed project to include the following items:

- a) Reason(s) to control the aquatic nuisance;
- b) Brief history of the aquatic nuisance in the waterbody; and,
- c) Description of the proposed control activity.

F. Adjoining Property Owner Notification(For additional information, please see the [APO Notification Guidance](#))

I certify, by initialing to the left, that I have notified adjoining property owners of the proposed project using the [DEC Adjoiner Form](#) template letter that was sent by U.S. Mail.

G. Applicant/Operator Certification

As APPLICANT, I hereby certify that the statements presented on this application are true and accurate; guarantee to hold the State of Vermont harmless from all suits, claims, or causes of action that arise from the permitted activity; and recognize that by signing this application, I agree to complete all aspects of the project as authorized. I understand that failure to comply with the foregoing may result in violation of the 10 VSA Chapter 50, § 1455, and the Vermont Agency of Natural Resources may bring an enforcement action for violations of the Act pursuant to 10 V.S.A. chapter 201.

Applicant/Operator Signature:

Front Up North

Town of Hubbardton

Date: 1/10/25

H. Application Preparer Certification (if applicable)

As APPLICATION PREPARER, I hereby certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Application Preparer Signature:

Front Up North

Town of Hubbardton

Date: 1/10/25

I. Application Fees

Print Form

Refund Policy:

Permit Review Fees are non-refundable unless an application is withdrawn prior to administrative review.

Submit this form and the \$35 or \$175 fee to:
(Municipalities are exempt from fees)

Vermont Department of Environmental Conservation
Watershed Management Division
Aquatic Nuisance Control Permit Program
1 National Life Drive, Davis 3
Montpelier, VT 05620-3522

Municipalities are exempt and do not need to submit fee.

Direct all correspondence or questions to the Aquatic Nuisance Control Permit Program
at: ANR.WSMDShoreland@vermont.gov

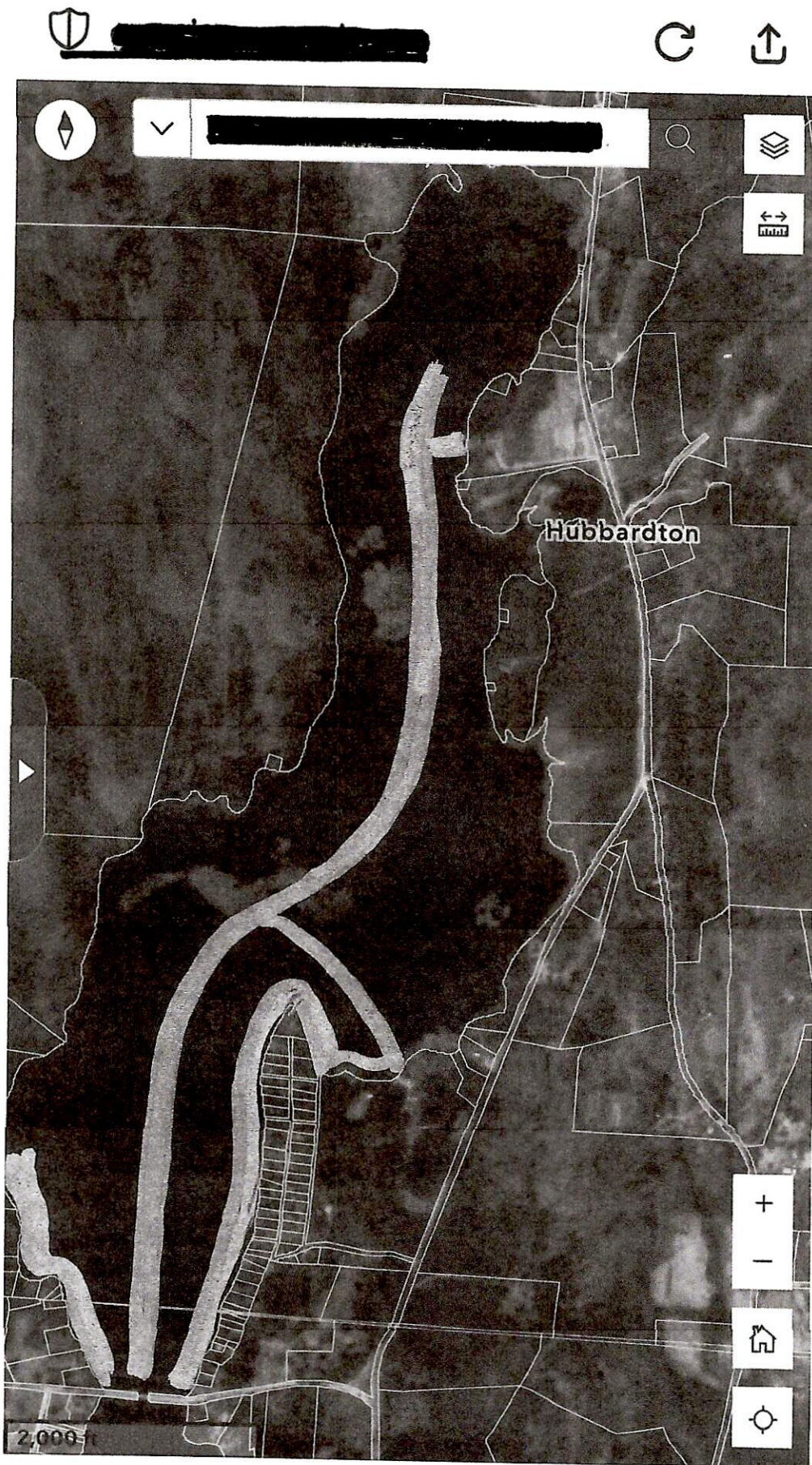
For additional information visit: dec.vermont.gov/

MECHANICAL HARVESTING PROPOSAL

Eurasian Watermilfoil (EWM) was first discovered in Lake Bomoseen around 1982, and is now found in many areas throughout the lake. EWM is a non-native, aquatic invasive species. As a rooted, submerged, perennial aquatic plant that grows rapidly, producing dense stands, EWM aggressively competes with native plant communities and reduces biodiversity. Both large areas of crowning EWM, and dense mats of floating EWM, clog propellers, impair swimming, restrict boating and fishing access, and adversely impacts water quality.

Over the past 40 or so years, mechanical harvesting to control EWM has occurred throughout many areas of Lake Bomoseen, and other lakes in Vermont. The harvesting north of the Grady Bridge has been conducted for decades by a joint effort between Friends up North, a group of homeowners north of the Grady Bridge (Float Bridge Road) and the Town of Hubbardton, most recently under ANC Permits 2005-H02 and 2015-H02.

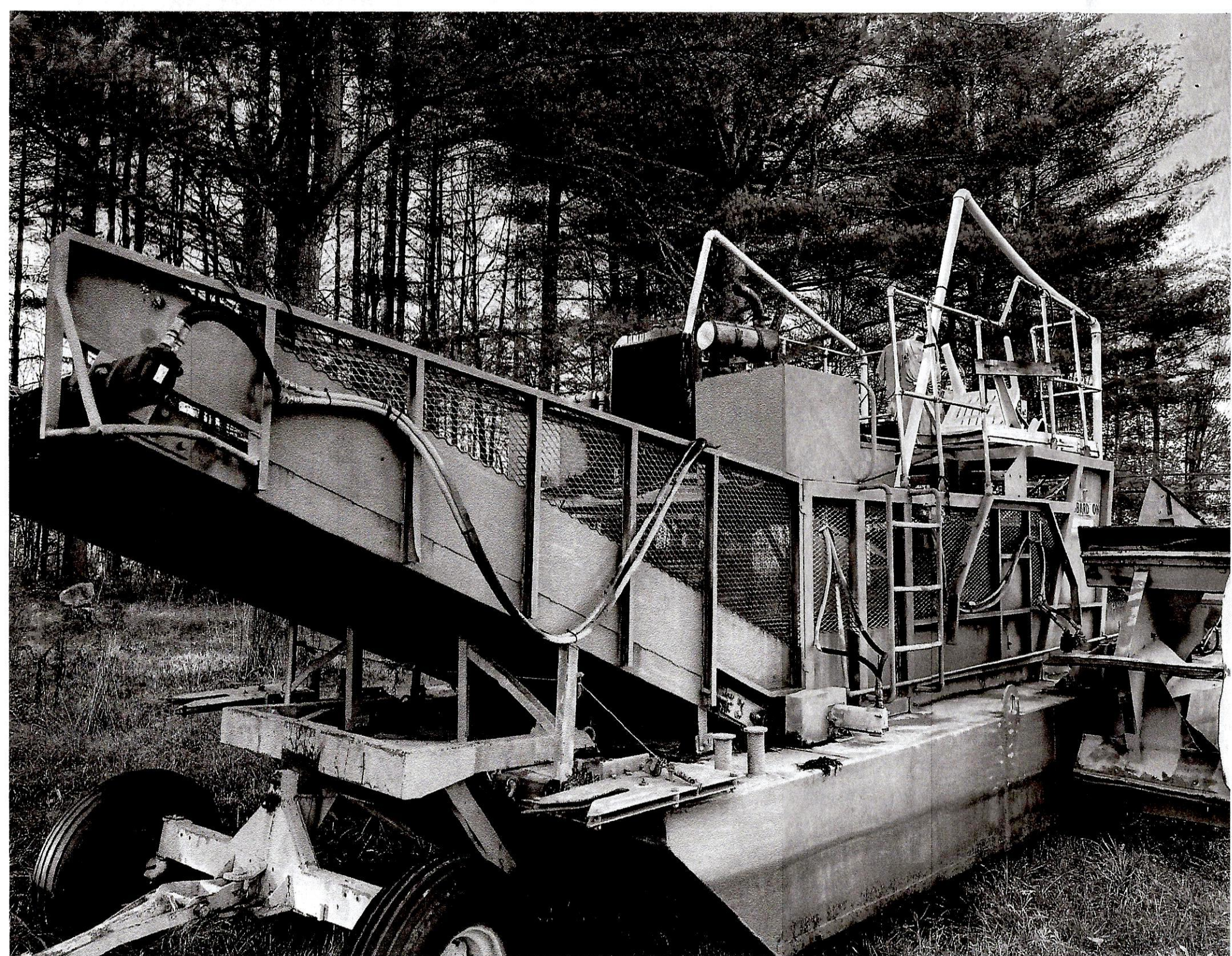
We propose to continue the EWM Weed Harvesting program in the same fashion as under the last issued permits. Specifically, we will continue to remove EWM along the shoreline of Lake Bomoseen and in various navigation lanes north of Grady Bridge with the same Aquamarine Mechanical Harvester that has been employed for the last decade or longer. This harvester is relatively small. The harvester's shallow draft, and maneuverability, allows it to remove EWM closer to the shoreline. The proposed harvesting activity is intended to control EWM by reducing its volume within the upper 4 feet of the water column, from the shoreline and into well established navigation lanes. Multiple harvestings throughout the growing season are anticipated, beginning on June 15th and continuing until September 30th. Skimming will be conducted as well. Skimming removes floating EWM, which may include fragments created by the harvester and boating activities. The removal of these masses and fragments will help mitigate the spread of EWM. Harvested vegetation will be off-loaded into a truck, transported to land and non-wetland locations, where it will be composted.

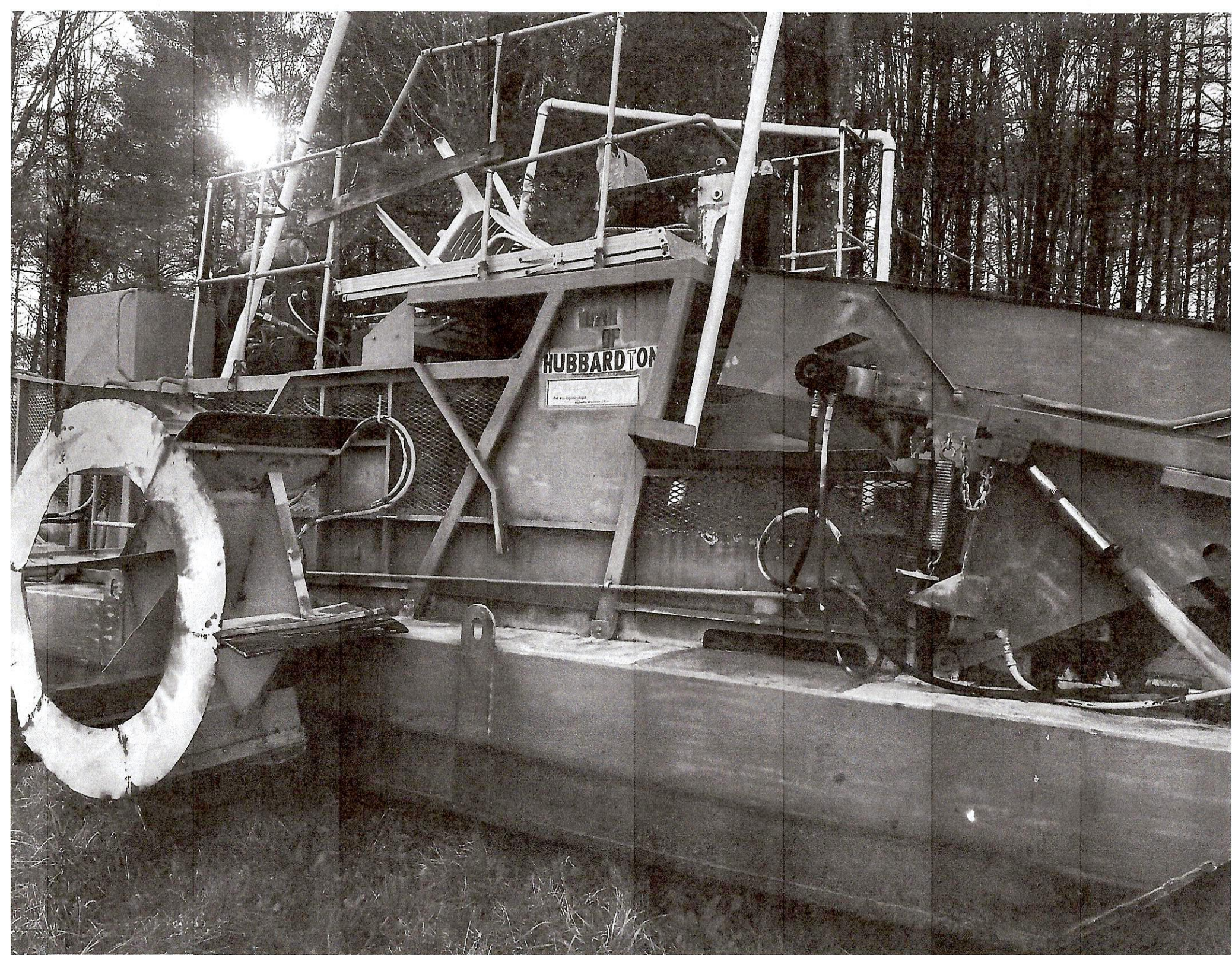


Lake Bomoseen
North of the
Grady Bridge

General Route
of Harvester
in silver









TOWN
OF
HUBBARDTON

MADE IN CANADA
1968



RECEIVED

JAN 14 2025

1/10/25

Greetings:

We enclose the following on behalf of the Town of Hubbardston, VT and Friends - Up-North, a group of homeowners with an interest in the health of Lake Bomoseen:

- 1) Completed Application for use of a Powered Mechanical Device under an Aquatic Nuisance Control Permit, which includes;
- 2) The Mechanical Harvesting Proposal detailing the proposed use of the Aquamarine Aquatic Weed Harvester to harvest Eurasian Watermilfoil
- 3) A map showing the general route of the harvested weed on Lake Bomoseen north of the Grady Bridge;
- 4) Photos of the mechanical harvester.

Please feel free to call or email me with any questions or concerns.
Thank you!

PAUL TAYLOR
pmtaylor386@gmail.com
716-725-4746

To:
Vermont Dept. of Env.
Watershed Management Div.
Aquatic Nuisance Control
Permit Program
1 National Wte Dr., Davis 3
Montpelier, VT 05620