



STATE OF MAINE  
DEPARTMENT OF AGRICULTURE, CONSERVATION AND FORESTRY  
BOARD OF PESTICIDES CONTROL  
28 STATE HOUSE STATION  
AUGUSTA, MAINE 04333

JANET T. MILLS  
GOVERNOR

AMANDA E. BEAL  
COMMISSIONER

May 29, 2026

Erik Lema  
Basswood Environmental, LLC  
32 Brentwood Rd.  
Cape Elizabeth, ME 04107

**RE: Variance permit for CMR 01-026 Chapter 29, Basswood Environmental, LLC**

Dear Mr. Lema,

The Board of Pesticides Control considered your application for a variance from Chapter 29 along the Royal River in New Gloucester. The variance is approved, provided that all products to be used are currently registered in the State of Maine or were registered at the time of purchase.

The Board authorizes the issuance of two-year permits for Chapter 29. Therefore, this permit is valid until December 31, 2027, as long as applications are consistent with the information provided on the variance request. Please notify the Board in advance of changes, particularly if you plan to use a different product from those listed.

Please remember that your permit is based on your company adhering to the precautions listed in Section X of your Chapter 29 variance request.

I will alert the Board at its next meeting that the variance permit has been issued. If you have any questions concerning this matter, please feel free to contact me at 287-2731.

Sincerely,

Alexander Peacock  
Director

ALEXANDER PEACOCK, DIRECTOR  
90 BLOSSOM LANE, DEERING BUILDING



PHONE: (207) 287-2731  
THINKFIRSTSPRAYLAST.ORG

**BOARD OF PESTICIDES CONTROL  
APPLICATION FOR VARIANCE PERMIT  
(Pursuant to Chapter 29, Section 6 of the Board's Regulations)**

I. Erik Lema (207)518-8442  
Name Telephone Number

Basswood Environmental LLC  
Company Name

32 Brentwood Road Cape Elizabeth ME 04107  
Address City State Zip

II. Erik Lema CMA-5752  
Master Applicator (if applicable) License Number

Same as above  
Address City State Zip

III. **As part of your application, please send a revegetation plan and digital photos showing the target site and/or plants and the surrounding area, particularly showing proximity to wetlands and water bodies, to [pesticides@maine.gov](mailto:pesticides@maine.gov)**

IV. Area(s) where pesticide will be applied:

The property is located along the Royal River in new Gloucester, Maine and is owned and maintained by the Royal River Conservation Trust. In partnership with US Fish and Wildlife, an invasive management project has proposed to treat several populations of Japanese knotweed along the river.

V. Pesticide(s) to be applied: (Including EPA Registration Number)

3% Glyphosate 5.4 (Alligare) EPA Reg.# 81927-8 a surfactant approved for aquatic use (Cide-Kick II or equivalent) will also be used.

VI. Purpose of pesticide application:

Japanese knotweed control

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VII. Approximate dates of spray application:

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Mid-August 2026 (~8 weeks post-cutting scheduled for June 22<sup>nd</sup>), follow-up spot treatment in mid-September, post flowering.

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VIII. Application Equipment:

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Low-volume backpack sprayer fitted with an anti-drift flat-fan nozzle.

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IX. Standard(s) to be varied from:

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Application within 25-feet of waterbody

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X. Method to ensure equivalent protection and Revegetation Plan:

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Revegetation will be performed by RRCT through live staking of native species currently found on site, including dogwoods, viburnums and alder. Knotweed stems on the immediate banks will not be foliar treated – stem injections will be used according to the label. The stands are to be cut in June to allow for low growth at the time of treatment and preservation of native co-occurring shrubs. Invasive honeysuckle also persists throughout the site that will remain untreated at this time to provide additional substrate stabilization. Cut stems will be moved away from the river bank and monitored for resprouts.

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XI. Revegetation Plan (attach separately if necessary)

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Proposed revegetation is minimal. This is a natural area, and native shrubs as well as non-native honeysuckles will not receive treatment to allow for continued colonization of the site. Post-dormancy live-staking is proposed following the treatments.

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Signed:  Date: 5/21/2026

Return completed form to: **Board of Pesticides Control, 28 State House Station, Augusta, ME 04333-0028**  
OR E-mail to: [pesticides@maine.gov](mailto:pesticides@maine.gov)

Rev. 2/2022

Attachment: Site map, Site photos



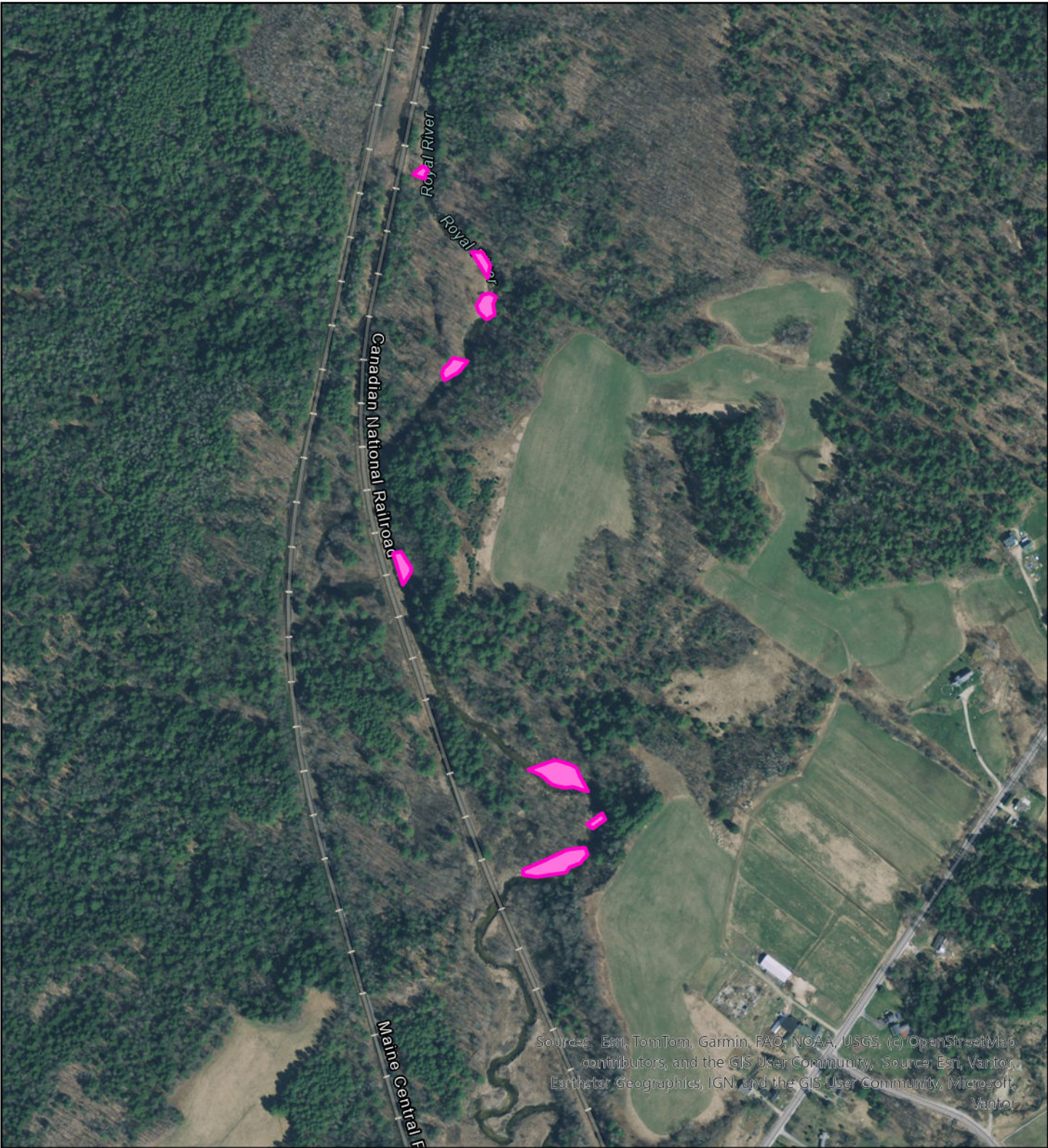
**Figure 1: knotweed (reddish brown stems) along the river, southern portion of management area**



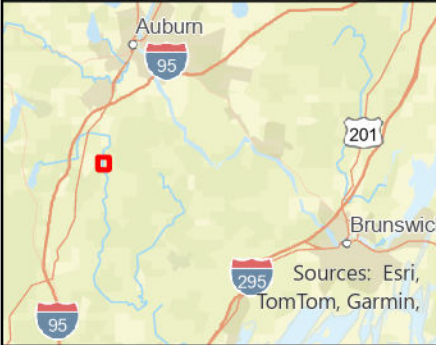
**Figure 2: Interior of knotweed stand, central area, stems old stems cut March 2026.**



**Figure 3: Southernmost population, across river.**



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community. Source: Esri, Vantor, Earthstar Geographics, IGN, and the GIS User Community, Microsoft, Vantor



## 2026 Knotweed Management River Elf Preserve New Gloucester, Maine

 USFWS Mapped Populations

