

**Emerald ash borer quarantine information for Belknap,
Hillsborough, Merrimack, and Rockingham Counties**
Piera Y. Siegert, State Entomologist 7/10/2015



Goal: Quarantines support emerald ash borer management efforts by reducing the artificial, human-assisted spread of emerald ash borer.

Emerald ash borer detections result in federal and state quarantines on regulated articles including:

- All life stages of the emerald ash borer
- All hardwood firewood (non-coniferous)
- *Fraxinus* (ash) nursery stock
- *Fraxinus* (ash) green lumber, logs, material living, dead, cut or fallen, including chips, bark mulch, stumps, branches, roots, debris, or any other material deemed a risk by an inspector
- Co-mingled hardwood chips where the ash chips have lost their identity.

Quarantined area in New Hampshire:

See list of towns in Belknap, Hillsborough, Merrimack and Rockingham Counties on reverse.

Regulated articles in New Hampshire:

- Originate in or are moved into the quarantined area
- Cannot be moved out of the quarantined area without a compliance agreement
- Articles originating outside of quarantined area but transiting quarantined area can do so without becoming regulated if safeguarded from infestation by using direct and expedient transit across the county without stops except for traffic conditions.



Compliance agreements enable safe trade of regulated articles out of quarantined area

- All regulated articles must be processed to mitigate the risk of spreading emerald ash borer. Treatments include either removal or destruction of the cambium layer OR destruction of emerald ash borer life stages with approved heat or chemical treatments.
- During the flight period (May 1— September 30) processing MUST occur within quarantined area to minimize risk of adult emerald ash borer introductions to uninfested areas.
- During the non-flight period (October 1— April 30) processing may occur outside of quarantined area, but each entity handling the unprocessed regulated articles must have a compliance agreement in place to reduce the probability of introducing emerald ash borer to uninfested areas. This may include loggers, haulers, mills, chippers, re-load yards, biofuel plants, etc.
- The process that will be used to mitigate the risk of spreading emerald ash borer will be assessed by the New Hampshire Department of Agriculture, Markets & Food for movement of regulated articles out of the quarantined area for *intrastate* movement and by USDA APHIS for articles destined to enter *interstate* or *international* trade. If your process is in compliance with federal standards, you will be issued a compliance agreement and the relevant federal forms (PPQ540 or PPQ530). Your process and record keeping are auditable. Forms are non-transferable.

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For more information about EAB see
www.nhbugs.org

List of quarantined towns in Belknap, Hillsborough, Merrimack, and Rockingham Counties.

Belknap

Alton Belmont Gilford Laconia New Hampton Tilton
Barnstead Center Harbor Gilmanton Meredith Sanbornton

Hillsborough

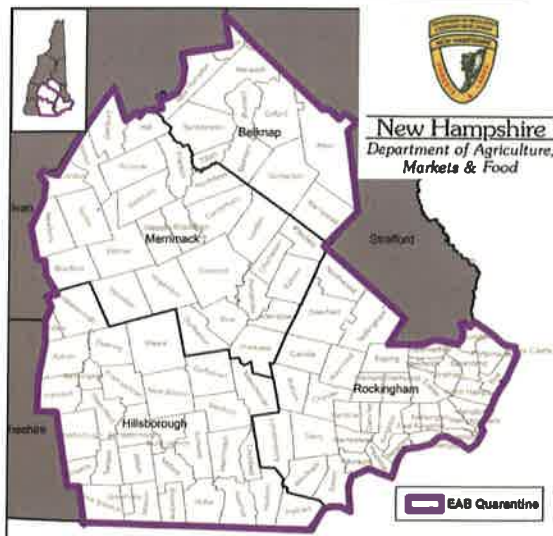
Amherst	Manchester
Antrim	Mason
Bedford	Merrimack
Bennington	Milford
Btookline	Mont Vernon
Deering	Nashua
Francestown	New Boston
Goffstown	New Ipswich
Greenfield	Pelham
Greenville	Peterborough
Hancock	Sharon
Hillsborough	Temple
Hollis	Weare
Hudson	Wilton
Litchfield	Windsor
Lyndeborough	

Merrimack

Allenstown	Concord	Hooksett	Pittsfield
Andover	Danbury	Hopkinton	Salisbury
Boscawen	Dunbarton	Loudon	Sutton
Bow	Epsom	New London	Warner
Bradford	Franklin	Newbury	Webster
Canterbury	Henniker	Northfield	Wilmot
Chichester	Hill	Pembroke	

Rockingham

Atkinson	Exeter	Newfields	Rye
Auburn	Fremont	Newington	Salem
Brentwood	Greenland	Newmarket	Sandown
Candia	Hampstead	Newton	Seabrook
Chester	Hampton	North Hampton	South Hampton
Danville	Hampton Falls	Northwood	Stratham
Deerfield	Kensington	Nottingham	Windham
Derry	Kingston	Plaistow	
East Kingston	Londonderry	Portsmouth	
Epping	New Castle	Raymond	



These towns make up the EAB quarantine area. If you are moving firewood originating in or stored within quarantined counties to any locations outside of quarantined counties you must obtain a compliance agreement. For more information please contact:

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Recommendations for homeowners and landowners

Recommendations for All Areas

1. Management zones, based on current known infestations, are established for all of New Hampshire. Know your zone. View updated maps at www.NHBugs.org.
2. Inventory your trees by species, size and value.
3. Evaluate ash trees for signs of EAB. Report suspect trees or insects at www.NHBugs.org.

Generally infested area

Landscape trees:

1. You may remove all known infested trees near structures, cars and roads.
2. Consider insecticide treatment options for any high-value ash. Ask three licensed pesticide applicators for quotes.
3. Consider removing remaining ash trees while they're still healthy—dying ash can be hazardous to remove.
4. Use the material as locally as the quarantine allows, to prevent movement of EAB.

Trees in natural settings:

1. Ash may be harvested as small as 6-inches dbh. Leaving some ash standing slows the movement of EAB.
2. Follow best management practices to limit accidental EAB spread. Consult the quarantine if moving ash material out of the current quarantine area or out of state.

Potential expansion area

Landscape trees:

1. Consider removing ash trees while they're still healthy—dying ash can be hazardous to remove.
2. Consider preventative insecticide treatments for high-value ash. Ask three licensed pesticide applicators for quotes.
3. Identify large, healthy ash trees and monitor them for signs of EAB regularly.

Trees in natural settings:

1. Ash may be harvested as small as 6-inches dbh. Leaving some ash standing slows the movement of EAB.
2. Identify large, healthy ash trees and monitor them for signs of EAB regularly.
3. Follow best management practices to limit accidental EAB spread. Consult the quarantine if moving ash material out of the current quarantine area or out of state.
4. You may create trap trees to help detect EAB early. Please contact 603-464-3016 for help.

Alert area

Landscape trees:

1. Consider removing ash trees while they're still healthy—dying ash can be hazardous to remove.
2. Identify large, healthy ash trees and monitor them for signs of EAB regularly.

Alert area for forest landscape:

1. Ash may be harvested as small as 6-inches dbh. Leaving some ash standing slows the movement of EAB.
2. Identify large, healthy ash trees and monitor them for signs of EAB regularly.
3. Follow best management practices to limit accidental EAB spread. Consult the quarantine if moving ash material out of the current quarantine area or out of state.
4. You may create trap trees to help detect EAB early. Please contact 603-464-3016 for help.

Generally infested area

Emerald ash borer is in this area, though not necessarily in all ash trees.

Potential expansion area

Emerald ash borer isn't known to be in the area, but the area is within 10 miles of the outer limits of the known infestation. There is a high probability emerald ash borer will spread naturally to this zone within a few years.

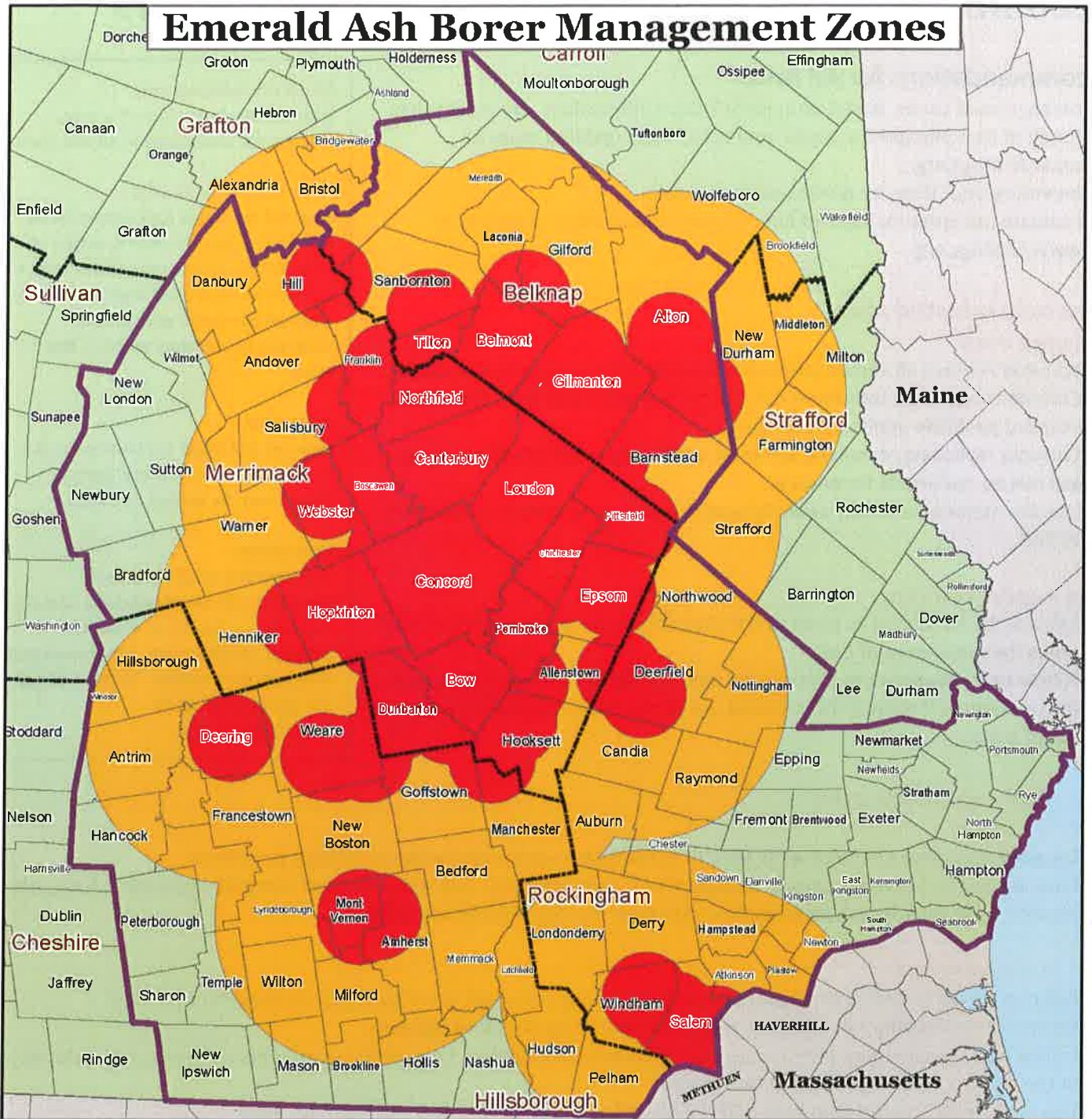
Alert area

Emerald ash borer isn't known to be in the area and it is more than 10 miles from the known infestation.

Quarantine

A quarantine of all hardwood firewood, ash wood-products and all ash nursery stock is in effect for Belknap, Hillsborough, Merrimack and Rockingham counties. To learn about the quarantine, go to www.NHBugs.org.

Emerald Ash Borer Management Zones



- EAB Generally Infested Area**
- EAB Potential Expansion Area (10 Miles)**
- EAB Alert Area (>10 Miles)**
- Quarantine Area**

0 2.5 5 10 Miles

Date: 5/22/2017



**State of New Hampshire
Department of Resources & Economic Development**

