

Disposal of emerald ash borer generated waste

Piera Y. Siegert, State Entomologist, 4/27/2020

NH Dept. Agriculture, Markets & Food. 603.271.2561.

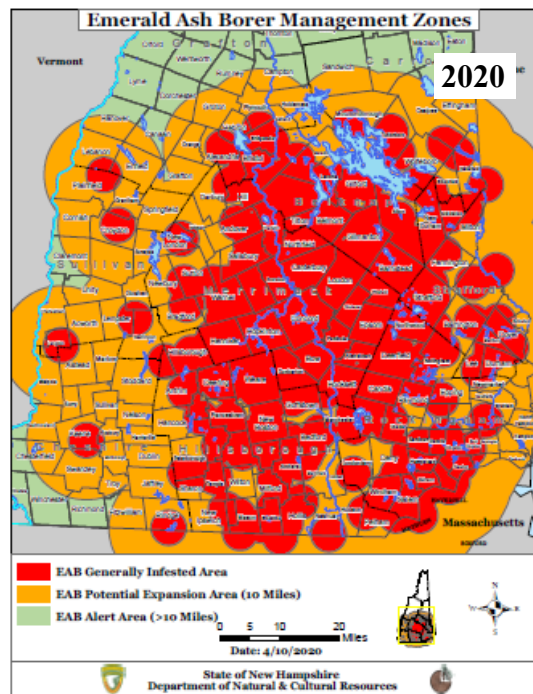
piera.siegert@agr.nh.gov

Emerald ash borer (EAB) infestations are *guaranteed* to generate dead ash trees and wood waste. Live life stages of emerald ash borer may be hidden within this waste material and pose a risk of spreading the infestation. How you handle and manage this waste is an important part of reducing the spread of this destructive beetle.

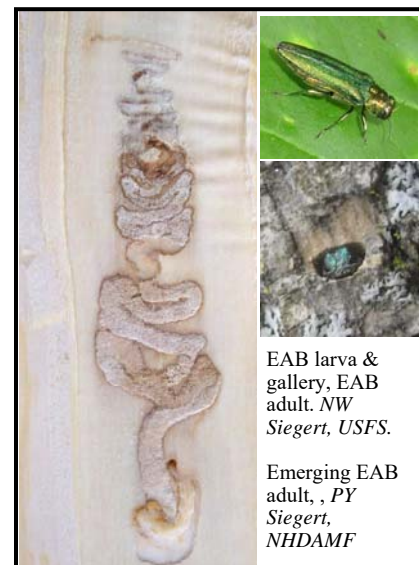
Consider the following when planning disposal of EAB-generated waste:

- **Timing of activities:** EAB adults begin to emerge mid-June and are active into September. The optimal time to do a removal of infested ash material would be autumn-early winter. Adults are not active or mobile during this time and developing larvae are trapped within their slowly drying resource. Keep in mind that while this will reduce the probability of moving emerald ash borer, it will not eliminate it as late stage EAB-immatures do not feed.
- **Chip or mulch it:** You can reduce the risk of spreading EAB by chipping ash waste as both the mechanics and the heat generated by the chipping process can kill life stages of EAB. Using these chips on site is recommended.
- **Keep it local:** Reduce your spread of EAB by keeping waste material local (on site or within 5 miles of the site). It can be chipped on site, used as local firewood, or taken to a local mill.
- **Season ash firewood on site for at least a year:** Studies conducted in New Hampshire demonstrate that aging ash firewood on site for a year before moving it dramatically reduces the risk of spreading EAB. The study was conducted with infested ash trees that were processed into green firewood and then aged. Timing of the harvest matters, however, and it is important to note that material harvested in the autumn or winter needs to age through the next summer before being transported in order to achieve optimal results. Some native wood borers will lay eggs in cut and split firewood. Wood aged for more than a year is not necessarily insect-free, but it is likely to be EAB-free.
- **When time is of the essence:** It is highly recommended that transportation of ash logs or green ash firewood is local during the flight season (June—August). Where this is not possible, it is recommended that the processor receiving logs aggressively de-bark upon receipt, and destroy the waste through chipping or burning in order to reduce the risk of spreading this pest.

Emerald ash borer is difficult to detect, especially early in the infestation. This is the best current information on EAB in NH. The map of active infestations will change with new detections of emerald ash borer. Status of towns is on the reverse. Please visit www.nhbugs.org regularly.



Concord Lowe's Plaza, NW Siegert, USFS



EAB larva & gallery, EAB adult. NW Siegert, USFS.

Emerging EAB adult, PY Siegert, NHDAMF

Belknap

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

Carroll

Albany	Bartlett	Brookfield	Chatham	Conway	Eaton
Effingham	Freedom	Hart's Location	Jackson	Madison	Moultonborough
Ossipee	Sandwich	Tamworth	Tuftonboro	Wakefield	Wolfeboro

Cheshire

Alstead	Chesterfield	Dublin	Fitzwilliam	Gilsum	Harrisville	Hinsdale	Jaffrey
Keene	Marlborough	Marlow	Nelson	Richmond	Rindge	Roxbury	Stoddard
Sullivan	Surry	Swanzey	Troy	Walpole	Westmoreland	Winchester	

Coös

Berlin	Carroll	Clarksville	Colebrook	Columbia	Dalton	Dummer
Errol	Gorham	Jefferson	Lancaster	Milan	Northumberland	Pittsburg
Randolph	Shelburne	Stark	Stewartstown	Stratford	Whitefield	

Grafton

Alexandria	Ashland	Bath	Benton	Bethlehem	Bridgewater	Bristol	Campton
Canaan	Dorchester	Easton	Ellsworth	Enfield	Franconia	Grafton	Groton
Hanover	Haverhill	Hebron	Holderness	Landaff	Lebanon	Lincoln	Lisbon
Littleton	Lyme	Lyman	Monroe	Orange	Orford	Piermont	Plymouth
Rumney	Sugar Hill	Thornton	Warren	Waterville Valley	Wentworth	Woodstock	

Hillsborough

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

Merrimack

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

Rockingham

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

Strafford

Barrington	Dover	Durham	Farmington	Lee	Madbury	Middleton
Milton	New Durham	Rochester	Rollinsford	Somersworth	Strafford	

Sullivan

Acworth	Charlestown	Claremont	Cornish	Croyden	Goshen	Grantham	Langdon
Lempster	Newport	Plainfield	Springfield	Sunapee	Unity	Washington	