



EMERALD ASH BORER

Federal Regulatory Overview

December 18, 2012

Marc Conlee

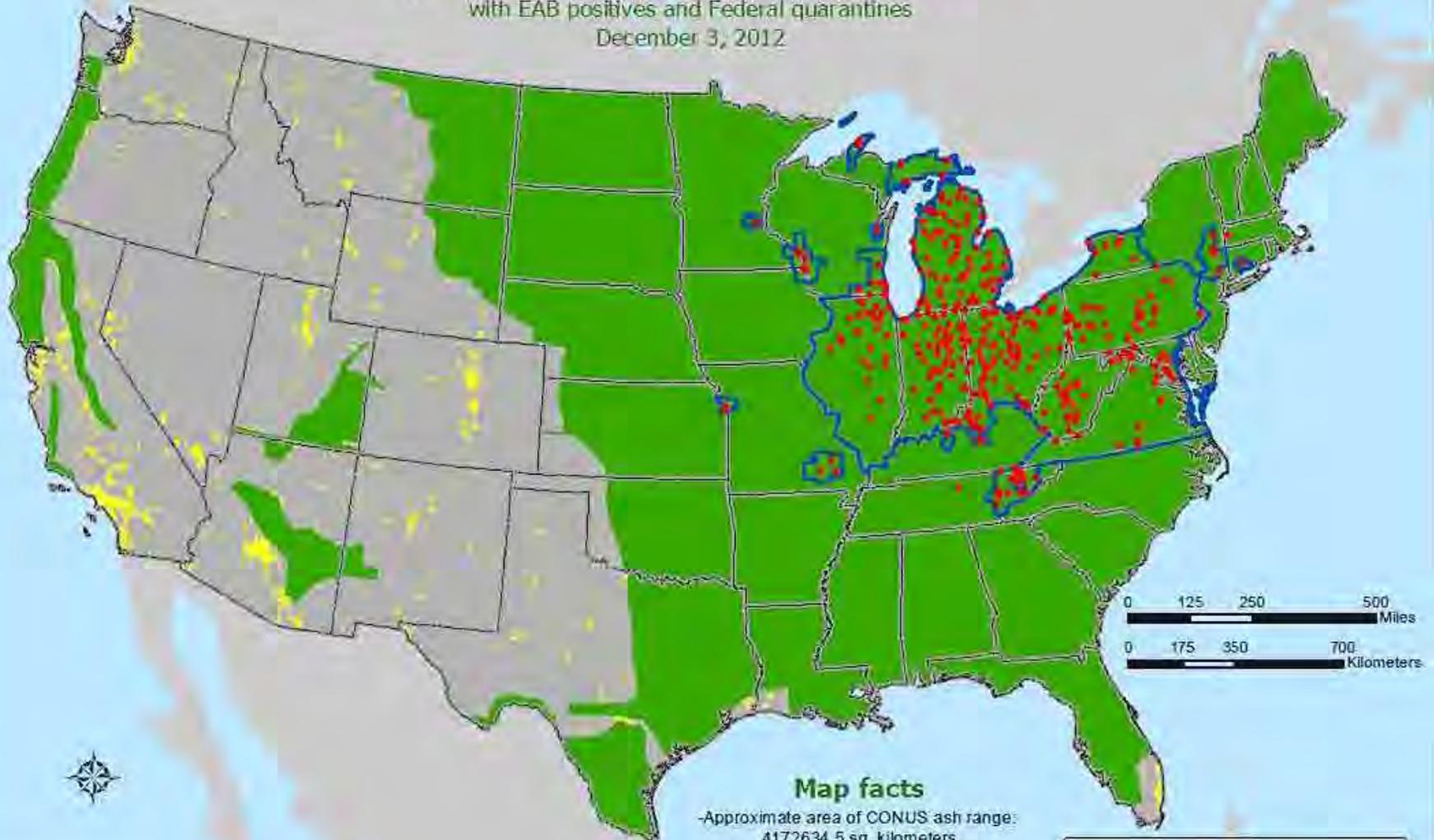
Plant Health Safeguarding Specialist

USDA, APHIS, PPQ



Cooperative Emerald Ash Borer Project

Approximate range of ash species in the Contiguous U.S.
with EAB positives and Federal quarantines
December 3, 2012



Map facts

- Approximate area of CONUS ash range:
4172634.5 sq. kilometers
- Area of U.S. Federal quarantine:
897165 sq. kilometers
- Total area of counties where EAB is present:
516879 sq. kilometers

Map Key

- Approximate range of ash
- Federal EAB quarantine boundaries
- Potential urban ash locations
- Initial county EAB detection

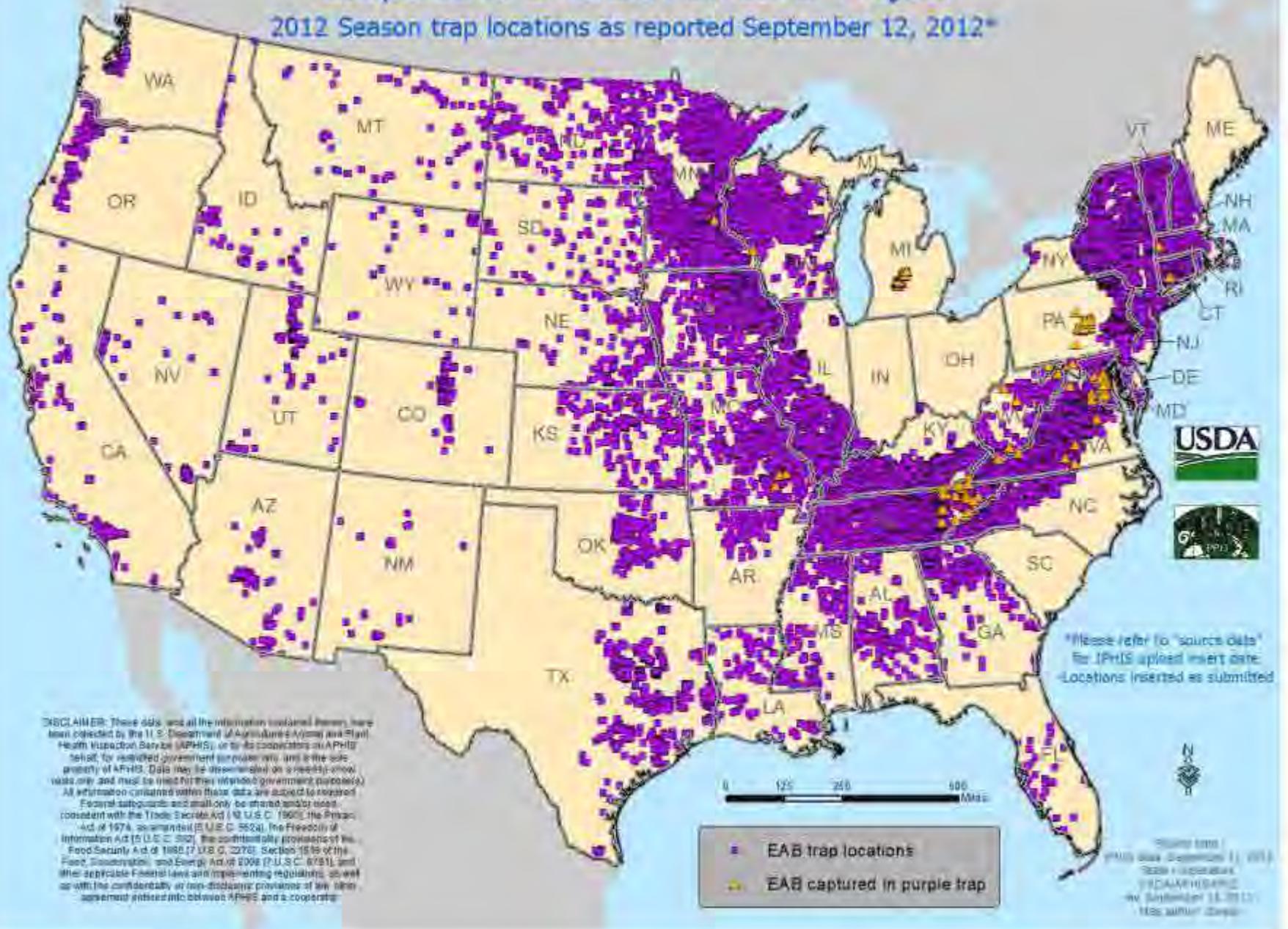
Map ash ranges reproduced from
USDA Forest Service source map



Map created by: [unreadable]
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Cooperative Emerald Ash Borer Project

2012 Season trap locations as reported September 12, 2012*

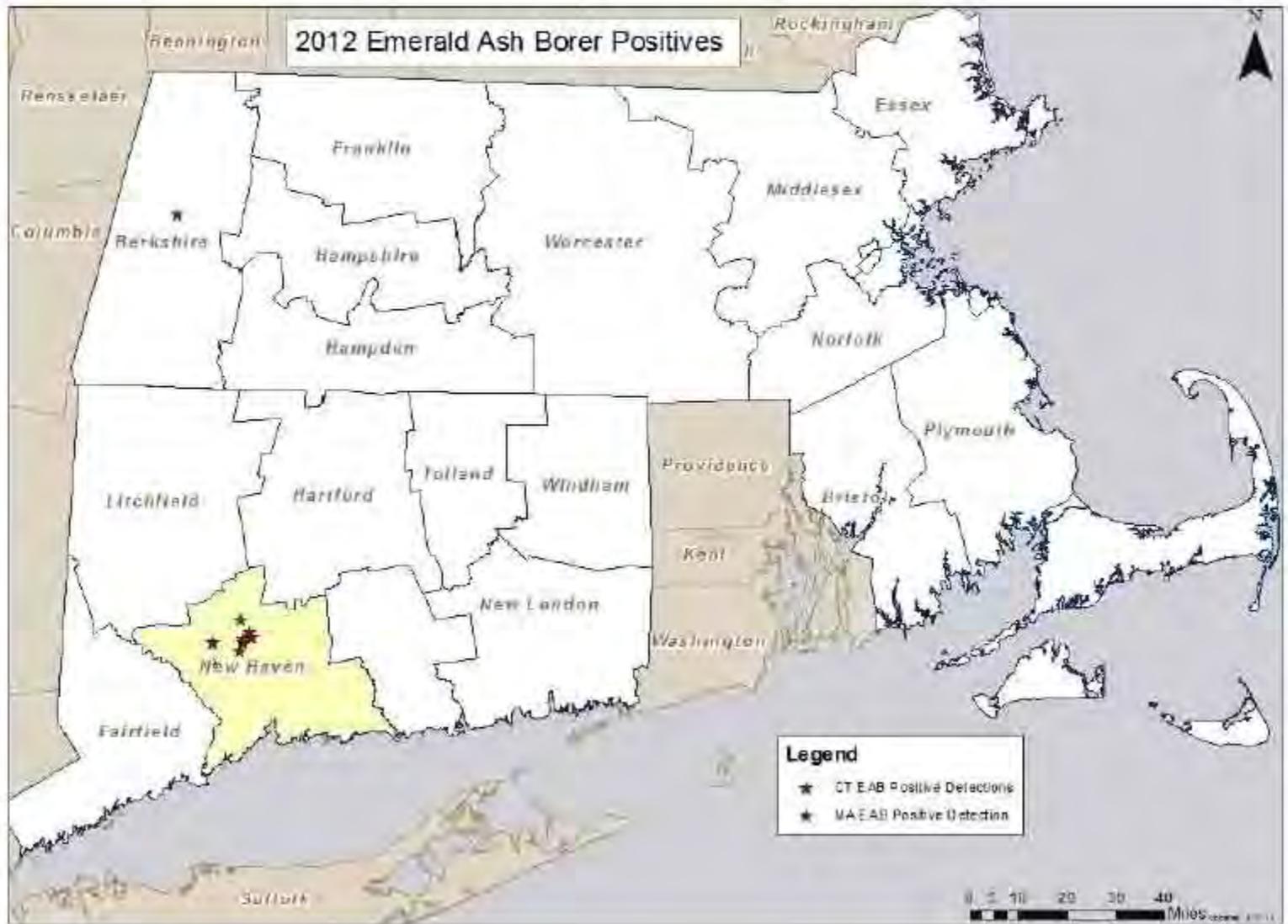


*Please refer to "source data" for IPHS upload insert date. Locations inserted as submitted

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- EAB trap locations
- ▲ EAB captured in purple trap

Source data /
IPHS data download: 11/2012
Data cooperative
USDA/APHIS/ARS
as September 12, 2012
Map author: Jansen





FEDERAL REGULATORY AUTHORITIES



- ❖ The Federal Emerald Ash Borer Quarantine (7 CFR 301.53) provides the authority to conduct regulatory activities.
- ❖ The Plant Protection Act of 2000 (Statute 7 USC 7701-7758) provides authority for implementation of emergency quarantine action. This provision is for **interstate** regulatory action only.



FEDERAL & STATE PARTNERS

- ❖ USDA, APHIS, Plant Protection & Quarantine
- ❖ USDA, Forest Service
- ❖ MA Department of Agricultural Resources
- ❖ MA Department of Conservation and Recreation





COMPONENTS OF A QUARANTINE

- ◎ **Survey** – to determine extent of infestation
 - ◎ Federal/State
- ◎ **Regulatory** – to control the movement of articles that can spread the pest
 - ◎ Federal/State
- ◎ **Eradication/Control Measures** – to eliminate or control the spread of the pest
 - ◎ Federal/State/Local/Private



REGULATORY WORK

- ❖ The regulatory challenge is to stop the artificial spread of EAB
- ❖ Officials determine who is handling ash
- ❖ Issue compliance agreements, certificates and limited permits
- ❖ Conduct operations targeting pathways of spread
- ❖ Outreach and Education
- ❖ Civil penalties if appropriate

REGULATED ARTICLES



- ❖ All life stages of the Emerald Ash Borer.
- ❖ Hardwood firewood (non-coniferous).
- ❖ All species of *Fraxinus* (Ash)
 - Nursery Stock
 - Green lumber
 - Logs
 - Any other material living, dead, cut, or fallen, including chips, stumps, branches, roots and debris.
- ❖ Any article, product, or means of conveyance not listed above if an inspector determines that it presents a risk of spreading emerald ash borer.

Cooperative Emerald Ash Borer Project

Federal EAB Quarantine & Authorized Transit

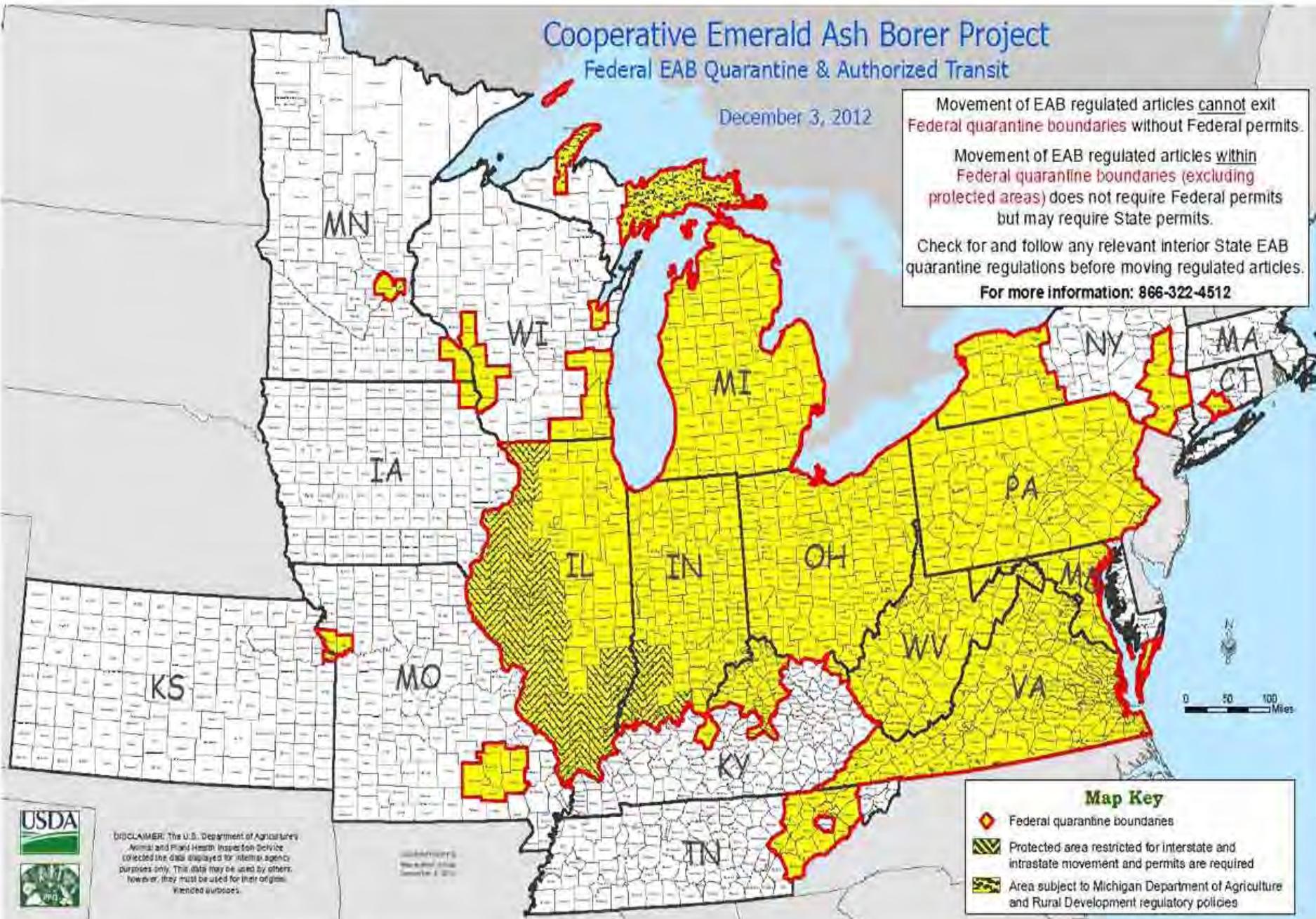
December 3, 2012

Movement of EAB regulated articles cannot exit Federal quarantine boundaries without Federal permits.

Movement of EAB regulated articles within Federal quarantine boundaries (excluding protected areas) does not require Federal permits but may require State permits.

Check for and follow any relevant interior State EAB quarantine regulations before moving regulated articles.

For more information: 866-322-4512



Map Key

- Federal quarantine boundaries
- Protected area restricted for interstate and intrastate movement and permits are required
- Area subject to Michigan Department of Agriculture and Rural Development regulatory policies



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MAJOR INDUSTRIES IMPACTED

- ❖ Logging/Lumber
- ❖ Nursery
- ❖ Tree Work
- ❖ Firewood
- ❖ Milling and Manufacturing
- ❖ Wood Packing Materials (WPM)
- ❖ Wood by-products



COMPLIANCE AGREEMENTS

- ❖ Agreement between an approved establishment and federal and state agency.
- ❖ Allows for movement of regulated articles from the quarantined area.
- ❖ Defines acceptable treatments/mitigation of regulated articles.



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FORM APPROVED
OMB NUMBER 5519-0054
PLEASE CONTACT THE
AGENCY FOR FURTHER INFORMATION

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE
PLANT PROTECTION AND QUARANTINE

COMPLIANCE AGREEMENT

1. NAME AND MAILING ADDRESS OF PERSON OR FIRM	2. LOCATION
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3. REGULATED ARTICLE(S)
All ash (*Fraxinus* sp.) material must be processed and/or documented in accordance with Federal Emerald Ash Borer quarantine requirements before interstate transport. Regulated material includes, but is not limited to: ash nursery stock, ash logs, ash lumber, hardwood firewood (non-coniferous), ash chips/mulch, wood packing material constructed with ash.

4. APPLICABLE FEDERAL QUARANTINE(S) OR REGULATIONS
7 CFR 301.63 Emerald Ash Borer (*Agrilus planipennis*), State of _____ EAB Interior Quarantine

5. I/ WE AGREE TO THE FOLLOWING:
This establishment will ship regulated ash material interstate from a quarantined area ONLY after applicable treatments/ mitigations are completed at the establishment's expense. Explanations and schedules are detailed in attached addendum. Regulated articles that have undergone an approved treatment or mitigating process may be shipped throughout the year. This establishment will ensure that each shipment of regulated material moved interstate is accompanied by a completed Federally issued Certificate or Federally issued Limited Permit. All Federal forms are accountable and will be handled according to USDA requirements.

This establishment will handle the following regulated article(s): (check all applicable)
 Ash logs
 Ash lumber (green)
 Hardwood firewood (non-coniferous)
 Ash chips/ mulch
 Wood packing material constructed with ash
 Other (specify) _____

Treatment/ Mitigation (check all applicable)
 1. Remove the bark and an additional 1/8 inch of wood.
 2. Oil sterilization
 3. Fumigation
 4. Heat Treatment
 5. Chip or Compost
 6. Safeguarding (transport)
 7. Facility outside of quarantine area
 8. ISPM-15 for ash lumber in wood packing material.

6. SIGNATURE	7. TITLE	8. DATE SIGNED
The affixing of the signatures below will validate this agreement which shall remain in effect until canceled, but may be revised as necessary or revoked for noncompliance.		9. AGREEMENT NO. 10. DATE OF AGREEMENT

11. PPG/CBP OFFICIAL (NAME AND TITLE)	12. ADDRESS
13. SIGNATURE	
14. U.S. GOVERNMENT/STATE AGENCY OFFICIAL (NAME AND TITLE)	15. ADDRESS
16. SIGNATURE	

EAB Compliance Agreement



APPROVED REGULATORY TREATMENTS

- ❖ Remove the bark and an additional ½ inch of wood
- ❖ Kiln sterilization treatment schedule. The maximum thickness of allowable wood is three inches (time/temp/moisture content)
- ❖ Fumigate with Methyl Bromide using a USDA approved fumigator
- ❖ Heat Treatment according to schedule (140°F/60°C at core for 60 minutes). Facility must be approved by USDA.
- ❖ Chipped to less than 1” in two dimensions or follow approved USDA APHIS composting protocol.
- ❖ ISPM-15 for ash lumber in wood packing material (132.8°F/56°C for 30 minutes) via accreditation of establishment via ALSC
- ❖ Nursery Stock of Fraxinus spp.: No treatments available. Not being moved at this time.



THE MOVEMENT OF REGULATED ARTICLES IN THE QUARANTINE AREA

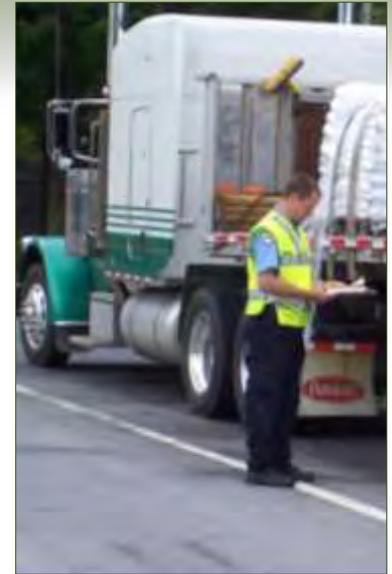
- ❖ Regulated articles can move freely within the quarantine area.
- ❖ No compliance agreement is required.



SPECIAL OPERATIONS



- ❖ Weigh Station
- ❖ Rest Area
- ❖ Campground
- ❖ Logging Route Stake Outs
- ❖ Trace Back/Forward Inspections





WHAT SHOULD I DO?

- ❖ Become familiar with the signs of EAB presence on ash trees.
- ❖ Report any suspected finds to the USDA EAB Hotline toll free
1-866-322-4512
- ❖ Contact local USDA or State to apply for a compliance agreement to move regulated articles legally.
- ❖ Be especially careful when moving any firewood, logs or trees.



FOR FURTHER INFORMATION ON EAB

<http://www.emeraldashborer.info/>

<http://www.usda.aphis.gov/>

<http://www.stopthebeetle.info/>

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