

**STATE OF NEW YORK:  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

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In the Matter of an Emergency Order  
Pursuant to ECL § 9-1303 for the  
Expansion of a Quarantine District  
Within Ulster and Greene Counties  
to include Orange County; and  
Modification of Rules and Regulations  
to Control the Spread of Emerald Ash Borer

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**QUARANTINE  
ORDER**

**WHEREAS:**

- A. The New York State Department of Environmental Conservation (“Department”) is directed to conserve, improve and protect the natural resources of the State, ECL § 1-0101.1, and to promote the control of pests, ECL 3-0301.1.j; and
- B. ECL § 9-1303.5 authorizes the Department to establish, by order, quarantine districts in any part or parts of the State, and to prohibit the movement of materials which may be harboring forest insects or forest tree diseases in any of their different forms; and
- C. ECL § 9-1303.7 empowers the Department to take any necessary steps to establish barrier or protective zones for the purpose of preventing the spread of forest insect pests, and in so doing shall have the authority and right to enter upon private lands for this purpose, and make such modifications in the composition of the forest growth as it may deem necessary for the purpose of preventing the spread of forest tree infestations, including spraying, cutting, destroying or otherwise treating trees or other vegetation; and
- D. ECL § 9-1303.9 provides that the Department may, by order, make rules and regulations governing any and all operations designed for the purpose of preventing the spread of or for the purpose of controlling forest insects in their different forms, and plants or trees infested by them, all of which are declared a public nuisance; and
- E. ECL § 3-0301.2.g empowers the Commissioner to enter and inspect any property or premises for the purpose of ascertaining compliance with any law, rule or regulation; and ECL § 9-1303.4 provides that any duly authorized agents of the Department may enter upon

any lands for the purpose of determining if such property is infested with forest insects and the extent of such infestations; and

F. Pursuant to AGM §164-a it is prohibited for anyone to, *inter alia*, move, transport, deliver or ship any living insects in any state of their development into or within New York State without first obtaining a permit or exemption from the Commissioner of the New York State Department of Agriculture and Markets (“NYSDAM”) and only after it is determined that the insects are not injurious to plants, not considered harmful to health and welfare of the people of the State or for scientific purposes; and

G. Pursuant to ECL § 9-1303.1 the Department entered into a memorandum of understanding (“MOU”) with NYSDAM on August 10, 2006 for the control and eradication of invasive pest species, which MOU includes, *inter alia*, cooperative regulatory oversight and enforcement activities and the establishment of parallel and complementary quarantines as necessary to better contain infestations of pest species; and

H. An invasive species, known as the emerald ash borer, *Agrilus planipennis* (Coleoptera: Buprestidae) (“EAB”), was detected in Ulster and Greene Counties in 2010, leading to the issuance of a Quarantine Order on September 2, 2010 establishing a quarantine of those two counties to prevent the movement and spread of EAB or host materials.

I. The EAB is a small but destructive non-indigenous beetle, native to eastern Russia, northern China, Japan, and the Korean peninsula, that infests and kills North American ash tree species, including green, white, black, and blue ash, a valuable resource for the wood products industry and a significant component of the natural environment. Adult insects emerge in May and June and begin laying eggs in crevasses in the bark about two weeks after emergence. One female can lay 60-90 eggs, and the rate of natural spread is estimated to be approximately 0.5 miles per year, but may be more than 12 miles per year. Damage is caused by the larvae, which feed in tunnels called galleries. After hatching, the larvae burrow into the bark and begin feeding on the cambium tissue (growth cells) and phloem tissue (nutrient carrying) just below the bark, usually from late July or early August through October, before overwintering in the outer bark. The larvae emerge as adult insects the following spring, and the life cycle begins anew. The serpentine galleries they create disrupt water and nutrient transport, causing branches, and eventually the entire tree, to die within

two years; and

J. Other than natural movement, the primary way EAB spreads is when infested firewood and wood products are moved from one place to another. Such human assisted movement enables the EAB to rapidly spread over long distances; and.

K. Since its discovery in southeastern Michigan in June, 2002, the EAB has been responsible for the destruction of over 70 million ash trees in the United States. The beetle has been moving steadily and rapidly outward from its first discovered infestation in Detroit, Michigan, and has now been found in 15 states and two neighboring Canadian provinces. New York has more than 900 million ash trees, representing about seven percent of all trees in the State, and all are at risk should this invasive pest become established. Many of New York State's forests and parklands are high-risk areas due to the movement of firewood and other wood products and the abundance of ash trees; and

L. A new detection of EAB has been confirmed by USDA APHIS, following the capture of an adult EAB in a detection trap placed on the grounds of the US Military Academy (“USMA”) at West Point, in Orange County, 35 miles south of the next closest known infestation in Kingston and 13 miles from the Ulster-Orange County line; and

M. The failure to immediately establish a quarantine district and regulate the movement of materials which may be harboring EAB would result in the spread of EAB beyond those infected areas and damage the natural resources and economy of the entire State. A spread of the infestation would have very adverse economic consequences to the wood products industries of the State, e.g. lumber, flooring, furniture and cabinet making, sporting and recreational products, and firewood, due to the destruction of the regulated articles upon which these industries depend. The effective control of EAB within the infestation area is also important to protect New York’s nursery industry. There is currently no approved protocol to diagnose or treat nursery stock or infected trees, since approved methods, e.g. debarking, heat treatment, would kill the plants. In addition, the environmental and financial consequences of the loss of millions of ash trees is enormous including the consequences of dealing with standing dead trees, and the costs to municipalities, homeowners, and State agencies for removal and disposition of dead trees, replanting, impacts on biodiversity, etc. Failure to immediately control EAB within the infestation area may lead to federal

quarantines and quarantines by other states and foreign countries that would affect the entire state, rather than just the infested areas, and would result in a significant impact to New York State's economy. Thus, immediate and long-term action by the Department is necessary to prevent the spread of EAB to protect ash trees in the surrounding area and the entire State; and

N. The single detection confirmed in Orange County appears, at this time, to be an outlier population, not part of the advancing front in the western part of the State, or part of the larger delimited EAB satellite in Ulster and Greene Counties. EAB was likely introduced to this area by unintentional human assistance, probably through the movement of infested firewood to the USMA property by campers. The adjoining Hudson River, and North-South orientation of the distribution, suggests that an effort can be made to reduce the population. As a result the quarantine boundary is more focused and limited to the infested counties.

**NOW, THEREFORE**, pursuant to ECL § 9-1303, and based upon the above findings,

**I HEREBY FIND** that an emergency exists due to the presence of EAB in and around Orange County, New York; and

**I HEREBY ORDER** that, in accordance with ECL § 9-1303.5, the entirety of Orange County, New York is hereby added to the existing Quarantine District encompassing the adjacent Ulster and Greene Counties to prevent the further spread of EAB; and

**I HEREBY FURTHER ORDER** that the following rules and regulations are promulgated for Orange, Ulster and Greene Counties pursuant to ECL § 9-1303.9 for the purpose of preventing the spread of or for the purpose of controlling EAB, their pupae, eggs, larvae and any plants and trees infested by them, all of which are hereby declared a public nuisance. These rules supersede those established under the September 2, 2010 Quarantine Order for Ulster and Greene Counties.

## **I. DEFINITIONS.**

The following terms shall be construed to mean:

(A) APHIS means the Animal and Plant Health Inspection Service of the United States Department of Agriculture.

(B) ASH means all *Fraxinus* species including green ash, *Fraxinus pennsylvanica*, white ash *Fraxinus americana*, black ash, *Fraxinus nigra*, and blue ash, *Fraxinus quadrangulata*, as well as horticultural cultivars of these species.

(C) AUTHORIZED AGENT OF THE DEPARTMENT means a person authorized by the Department to act on behalf of the Department with respect to any activities authorized by this order, while acting within the scope of that authorization.

(D) BARK means the tough outer covering of the woody stems of trees, shrubs, and other woody plants as distinguished from the cambium and inner wood.

(E) CERTIFICATE means a document, such as certificates of quarantine compliance, and state phytosanitary certificates, issued by APHIS or NYSDAM to allow the movement of regulated articles which, under this order, could not otherwise be moved.

(F) COMPLIANCE AGREEMENT means a written agreement between APHIS or NYSDAM and a person moving or receiving regulated articles, which authorizes the restricted movement, processing, handling, or utilization of regulated articles which, under this Order, could not otherwise be moved, processed, handled, or utilized.

(G) CONTROL means, as appropriate, eradicating, suppressing, reducing, or managing EAB populations, whether by physical, chemical or other means, to prevent the spread of EAB from areas where they are present, and taking steps to reduce the effects of EAB and to prevent further invasions.

(H) DEPARTMENT means the New York State Department of Environmental Conservation

(I) DIRECTOR means the Director of the Department's Division of Lands & Forests or the Director's designee.

(J) EAB means an insect known as emerald ash borer (*Agrilus planipennis* [Coleoptera: Buprestidae]) in any stage of development.

(K) FIREWOOD means any kindling, logs, chunkwood, boards, timbers, or other wood of any tree species cut and split, or not split, into a form and size appropriate for use as fuel.

(L) INFESTED (INFESTATION) means the presence of EAB or physical evidence making it reasonable to believe that EAB is present, such as physical evidence of activity of one or more of the EAB's life stages.

(M) LAW ENFORCEMENT OFFICER means any state or local police force, including county, town, city and village police departments, sheriffs, the Division of State Police, and the Department's Environmental Conservation Officers and Forest Rangers.

(N) LIMITED PERMIT means a valid form issued by APHIS or NYSDAM authorizing the restricted movement of non-certified regulated articles which, under this Order, could not otherwise be moved, from the quarantine district to a specified destination, in accordance with conditions specified on the limited permit, for specified processing, handling, or utilization.

(O) LOG means tree parts cut into lengths greater than four feet.

(P) LUMBER means timber sawed into boards, planks, or other structural members of standard or specified length.

(Q) MOVED (MOVE, MOVEMENT) means shipped, offered for shipment, held for shipment, received for shipment, transported, carried, or allowed to be moved, shipped, transported, or carried.

(R) NYSDAM means the New York State Department of Agriculture and Markets.

(S) PERSON means an individual, organization, corporation or partnership, public authority, county, town, village, city, municipal agency or public corporation, or any other legal entity other than the Department or its authorized agents.

(T) QUARANTINE DISTRICT means the entirety of Orange, Ulster, and Greene Counties, State of New York

## **II. REGULATED ARTICLES.**

The following articles are subject to this Quarantine Order:

(A) EAB.

(B) Entire ash trees of any size, including nursery stock.

(C) Any part of ash trees, including leaves, bark, stumps, limbs, branches, and roots.

(D) Ash lumber or ash logs of any length.

(E) Any item made from or containing ash wood.

(F) Any article, product or means of conveyance determined by APHIS, NYSDAM or the Department to present a risk of spreading the EAB infestation.

(G) Firewood from any tree species.

(H) Wood chips and bark mulch, from any tree species, larger than 1 inch in two dimensions, whether composted or uncomposted.

### **III. MOVEMENT OF REGULATED ARTICLES OTHER THAN EAB ORIGINATING WITHIN THE QUARANTINE DISTRICT MOVING WITHIN THE QUARANTINE DISTRICT**

(A) A regulated article, other than EAB, originating within the quarantine district may be moved to a destination within the quarantine district pursuant to administrative instructions issued by the Commissioner of NYSDAM.

### **IV. MOVEMENT OF REGULATED ARTICLES OTHER THAN EAB ORIGINATING FROM WITHIN THE QUARANTINE DISTRICT OUT OF THE QUARANTINE DISTRICT.**

(A) A regulated article, other than EAB, originating from within the quarantine district may be moved out of the quarantine district only under one of the following conditions:

(1) With an authorizing certificate or limited permit in compliance with the terms of such certificate or limited permit; or

(2) If exempted by administrative instructions by the Commissioner of NYSDAM; or

(3) Without a certificate or limited permit, and where not exempted by administrative instructions by the Commissioner of NYSDAM, only if the regulated article is authorized to be moved by APHIS, NYSDAM or the Department for experimental or scientific purposes, provided appropriate precautions to prevent the proliferation of EAB are taken as prescribed by APHIS, NYSDAM, or the Department, and the container of articles so moved bears, securely attached to the outside thereof, an identifying tag issued APHIS, NYSDAM, or the Department showing compliance with such conditions.

(B) The points of origin and destination of the regulated article shall be indicated on a waybill accompanying the regulated article.

(C) The regulated article, or the container carrying the regulated article, shall be plainly marked at all times during movement, with the name and address of the consignor and the name and address of the consignee.

(D) The regulated article must have the certificate or limited permit acquired from APHIS or NYSDAM securely attached to the regulated article, the container carrying the regulated article, or the consignee's copy of the accompanying waybill, and the description of the regulated article on the certificate or limited permit and on the waybill shall be sufficient to identify the regulated article.

(E) For lot freight shipments, other than by road vehicle, one certificate or limited permit must be attached to one of the containers and another to the waybill. For car lot freight or express shipment, either in containers or in bulk, a certificate or limited permit need be attached to the waybill only and a placard to the outside of the car, showing the number of the certificate accompanying the waybill.

(F) The carrier must furnish the certificate or limited permit authorizing movement of the regulated article within or out of the quarantine district to the consignee at the destination of the shipment.

## **V. MOVEMENT OF REGULATED ARTICLES OTHER THAN EAB ORIGINATING FROM OUTSIDE THE QUARANTINE DISTRICT INTO OR THROUGH THE QUARANTINE DISTRICT**

(A) A regulated article, other than EAB, originating outside the quarantine district may only be moved into or through the quarantine district, during the EAB non-flight season, established as the period October 1 – May 1, under the following conditions:

(1) The points of origin and destination are indicated on a waybill accompanying the regulated article; and

(2) If the final destination is not located within the quarantine district, the regulated article shall be moved directly through the quarantine district without stopping (except for refueling or unanticipated events, e.g. traffic conditions, traffic lights or stop signs, accidents, or breakdowns), or has been stored, packed or handled at locations approved by APHIS or NYSDAM as not posing a risk of infestation by EAB: and

(3) The regulated article, or the container carrying the regulated article, must be plainly marked at all times during movement with the name and address of the consignor and the name and address of the consignee.

(B) In addition to the requirements of subsection V(A), a regulated article, other than EAB, originating outside the quarantine district may only be moved into or through the quarantine district during the EAB flight season, established as the period of May 1 through September 30 or when the ambient air temperature is 40 degrees Fahrenheit or higher, in an enclosed vehicle or is completely covered to prevent potential EAB movement; and

(C) The provisions of subparagraphs V(B) notwithstanding, the movement of all ash logs from Pennsylvania into the quarantine district is prohibited during the Emerald ash borer flight season, established as May 1 – September 30.

## **VI. NURSERIES AND NURSERY STOCK**

A nursery inside the quarantine district having ash tree nursery stock must enter into a compliance agreement with APHIS or NYSDAM. Notwithstanding paragraph IV(A) above, ash tree nursery stock may not be moved out of the quarantine district except in accordance with Paragraph VIII. Ash tree nursery stock of any nursery operating without a compliance agreement shall be destroyed in compliance with instructions from APHIS or NYSDAM and in the presence of APHIS or NYSDAM personnel, without cost to the State except for that inspection and supervision.

## **VII. FIREWOOD**

(A) Firewood from any species of tree originating within the quarantine district may be moved to a destination within the quarantine district pursuant to administrative instructions issued by the Commissioner of NYSDAM.

(B) To the extent the provisions of this Quarantine Order and 6 NYCRR § 192.5, Firewood Restrictions to Protect Forests from Invasive Species, are in conflict, the more restrictive provisions shall apply.

### **VIII. SPECIAL EXEMPTIONS.**

The Commissioner or his designee may allow, with prior written approval, the movement of regulated articles into or within New York State for experimental, scientific or research purposes, provided appropriate precautions to prevent the proliferation of EAB are taken as prescribed by APHIS, NYSDAM, or the Department. The container of articles so moved shall bear, securely attached to the outside thereof, an identifying tag issued APHIS, NYSDAM, or the Department showing compliance with such conditions.

### **IX. ACCESS AND CONTROL**

(A) Pursuant to ECL §9-1303.4, duly authorized agents of the Department may enter upon any lands within the State of New York for the purpose of determining if such property is infested with EAB, and the extent of any such infestation. Such entry may include, but not be limited to, visual inspections, trap hanging, and tree blazing and girdling to facilitate trap efficacy.

(B) Pursuant to ECL § 9-1303.10, no action for trespass shall lie on account of entry on private lands by any duly authorized agent of the Department for the purpose of determining if such property is infested with EAB, and the extent of any such infestation.

(C) Pursuant to ECL §9-1303.11, no person shall willfully resist or obstruct the work of any duly authorized agents of the Department engaged in the investigation of EAB infestation.

(D) Duly authorized agents of the Department shall take reasonable steps and exercise due diligence to notify affected landowners of this Quarantine Order by holding public meetings and sending written notification to affected land owners and local media, as appropriate.

(E) The Director shall take any and all further necessary actions, including the establishment of barriers or protective zones, to prevent or control the spread of EAB within and without the quarantine district.

(F) The Director may authorize agents, under the direction of Department personnel, for the purpose of performing any activities pursuant to this Quarantine Order.

## **X. VIOLATIONS, ENFORCEMENT, AND PENALTIES.**

(A) Any person who violates any provision of this Quarantine Order, including but not limited to the provisions of any certificate, compliance agreement or limited permit, shall be deemed to have violated the provisions of ECL § 9-1303, and each such violation shall be subject to enforcement in accordance with ECL Article 71, Title 7.

(B) The risk of spreading EAB created by anyone moving a regulated article in violation of this Quarantine Order may be mitigated by the Department at the expense of the person violating this Quarantine Order.

(C) This Quarantine Order may be enforced by any law enforcement officer.

(D) Any car or other conveyance, any package or other container, and any article or thing to be moved, which is moving, or which has been moved intrastate within or out of the Quarantine District which a law enforcement officer has probable cause to believe may contain infestations of the EAB, or articles or things regulated under this Quarantine Order, may be examined by such law enforcement officer at any time or place. When articles or things are found to be moving or to have been moved intrastate in violation of any provision set forth in this Quarantine Order, the law enforcement officer may take such action as he/she deems necessary, including confiscation of the regulated articles and any commingled articles, to eliminate the danger of dissemination of the EAB, without cost to the State except for that inspection and supervision.

**I HEREBY FURTHER ORDER** that the Department shall immediately file a certified copy of this Quarantine Order with the Department of State and the office of the County Clerks of Orange, Ulster, and Greene Counties; and publish notice of this Quarantine Order in the State Register and the Environmental Notice Bulletin.

**I HEREBY FURTHER ORDER** that pursuant to ECL § 9-1303.5 this Quarantine Order shall become effective on the tenth day after such filing with the County Clerks of Orange, Ulster and Greene Counties, and pursuant to ECL § 9-1303.5 and ECL § 9-1303.9, this Quarantine Order shall remain in effect until it is rescinded or superseded by a Department order or regulations.

DATED: 8/22/11



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JOSEPH MARTENS, COMMISSIONER  
NEW YORK STATE DEPARTMENT OF  
ENVIRONMENTAL CONSERVATION