

Emerald Ash Borer Update for Regulatory, Energy & Environment Committee



www.minneapolisparcs.org

EAB is a Proven Killer of Ash



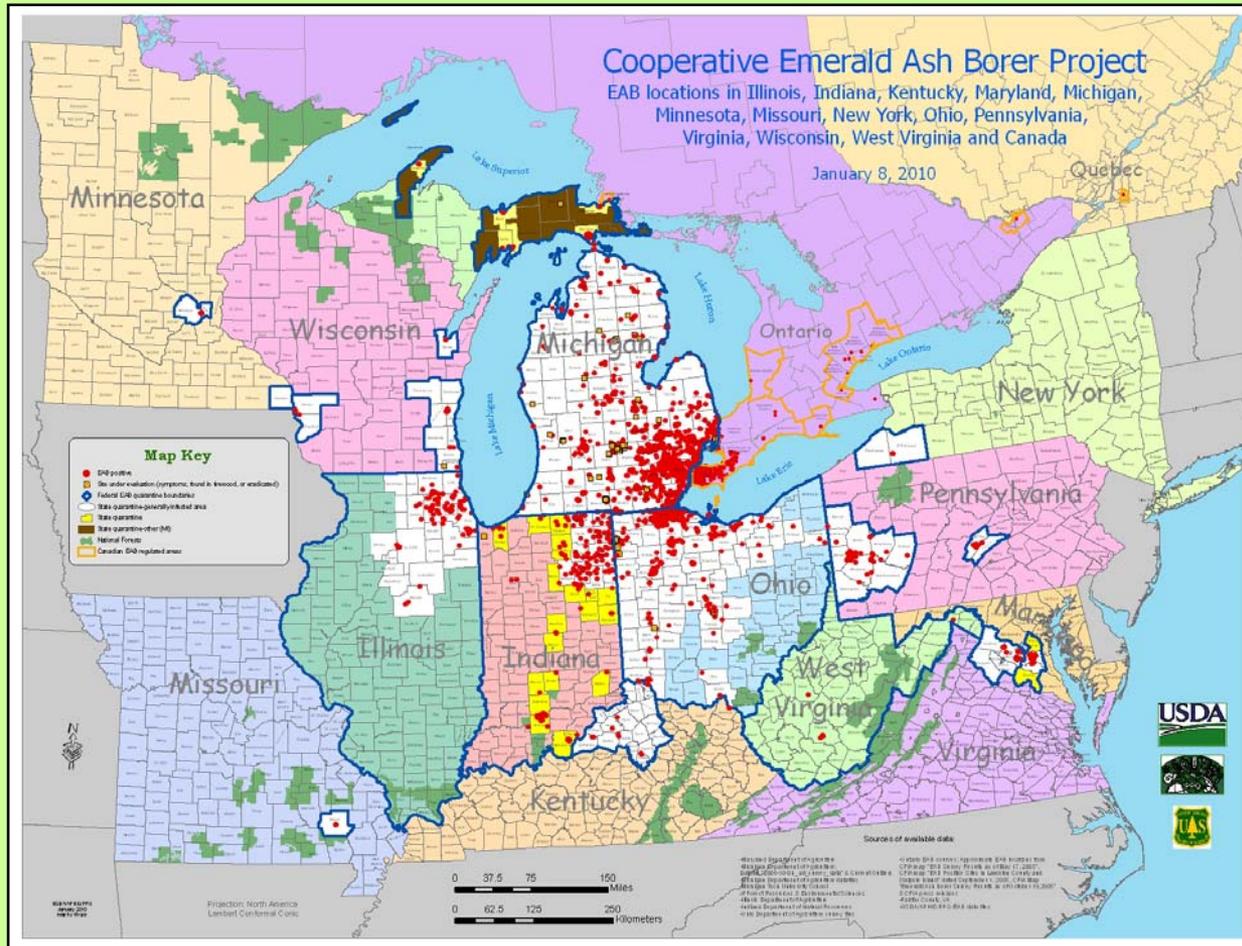
Tens of millions
killed since 2002



Larvae feeds on phloem



January 2010





Bad News for Minnesota Forests

- Over 900 million ash in Minnesota
- 2nd only to Maine

Ash Population by Municipality

- No Ash Present
- Less than 250 Ash
- 251 - 750 Ash
- 751 - 2,500 Ash
- 2,501 - 10,000 Ash
- Greater than 10,000 Ash

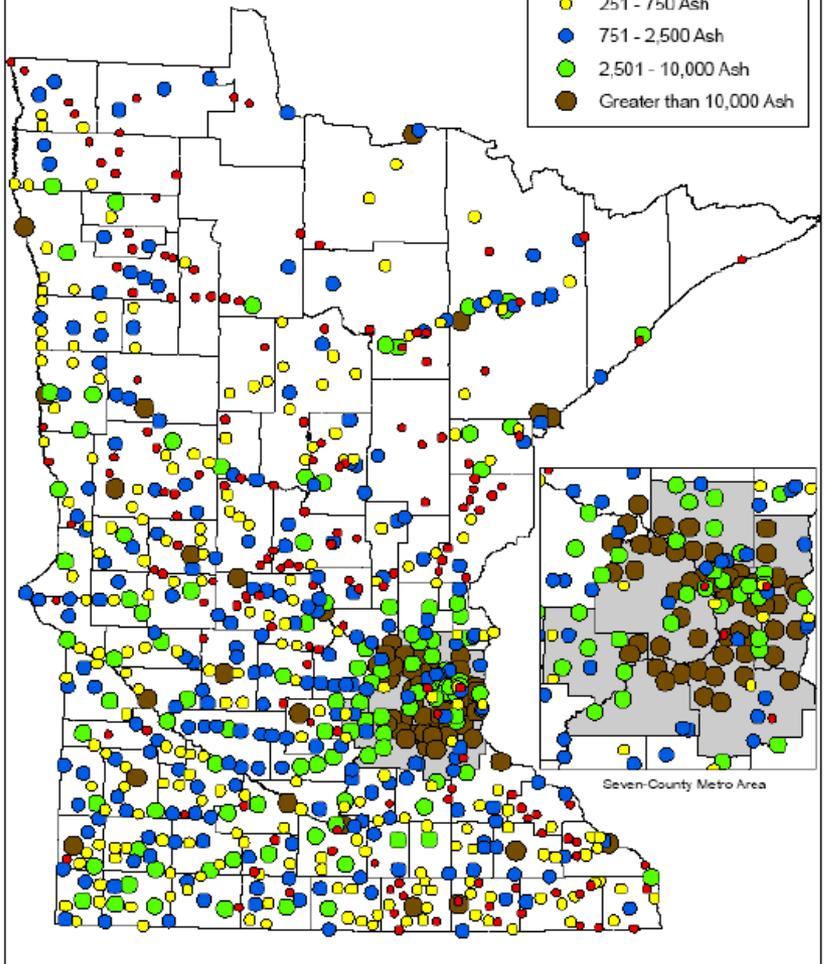


Figure 4. Ash populations in Minnesota municipalities, all tree-size classes. (Inset shows Minneapolis-St. Paul metropolitan area at enlarged scale.)

Bad News for Minnesota Cities

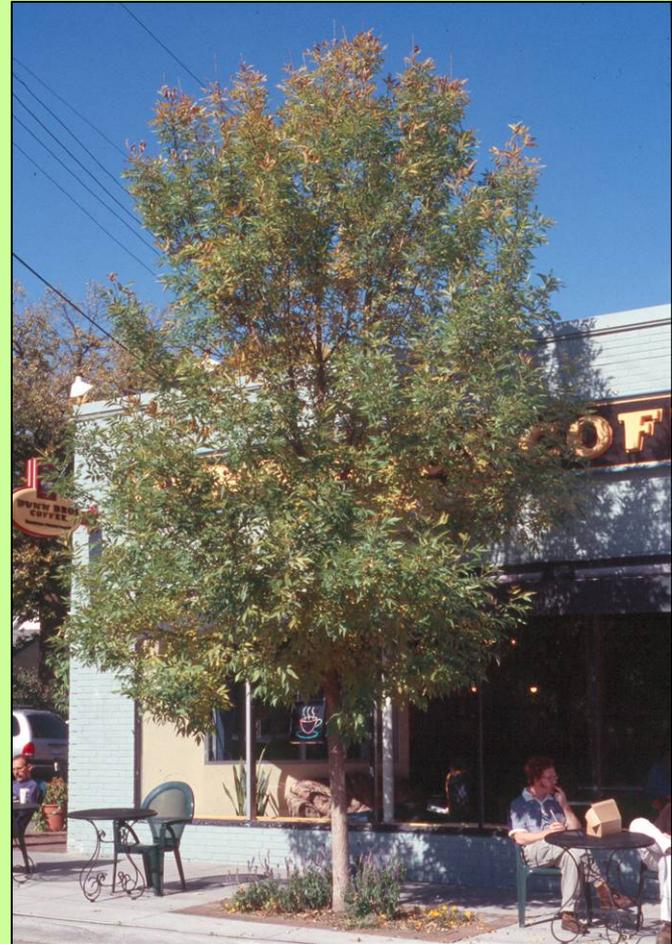
21% of tree canopy is Ash

**Over 200,000
public & private trees**



Stopped Planting Ash

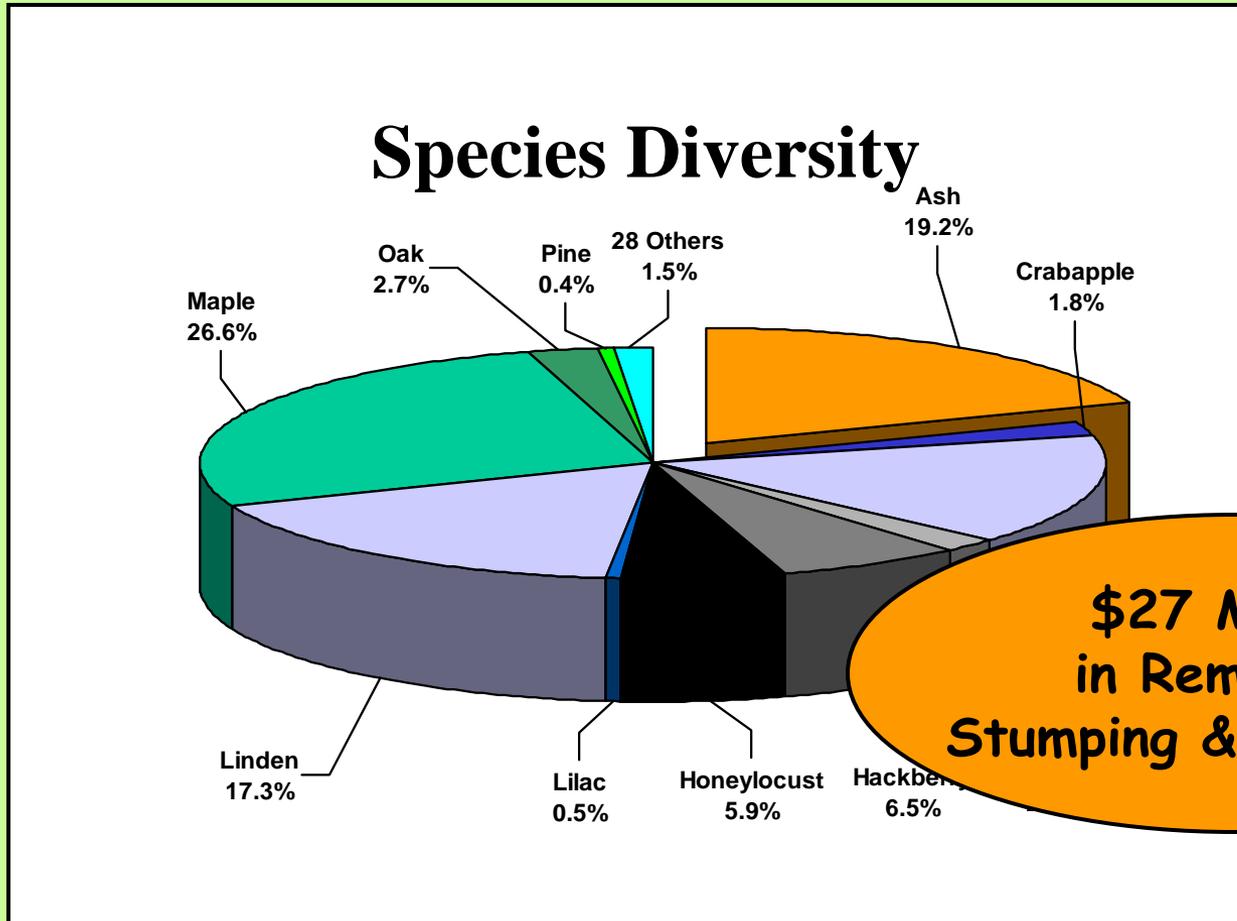
- 2007 thru 2010 - 0
- 2006 - 9
- 2005 - 44
- 2004 - 362
- 2003 - 319
- 2002 - 303

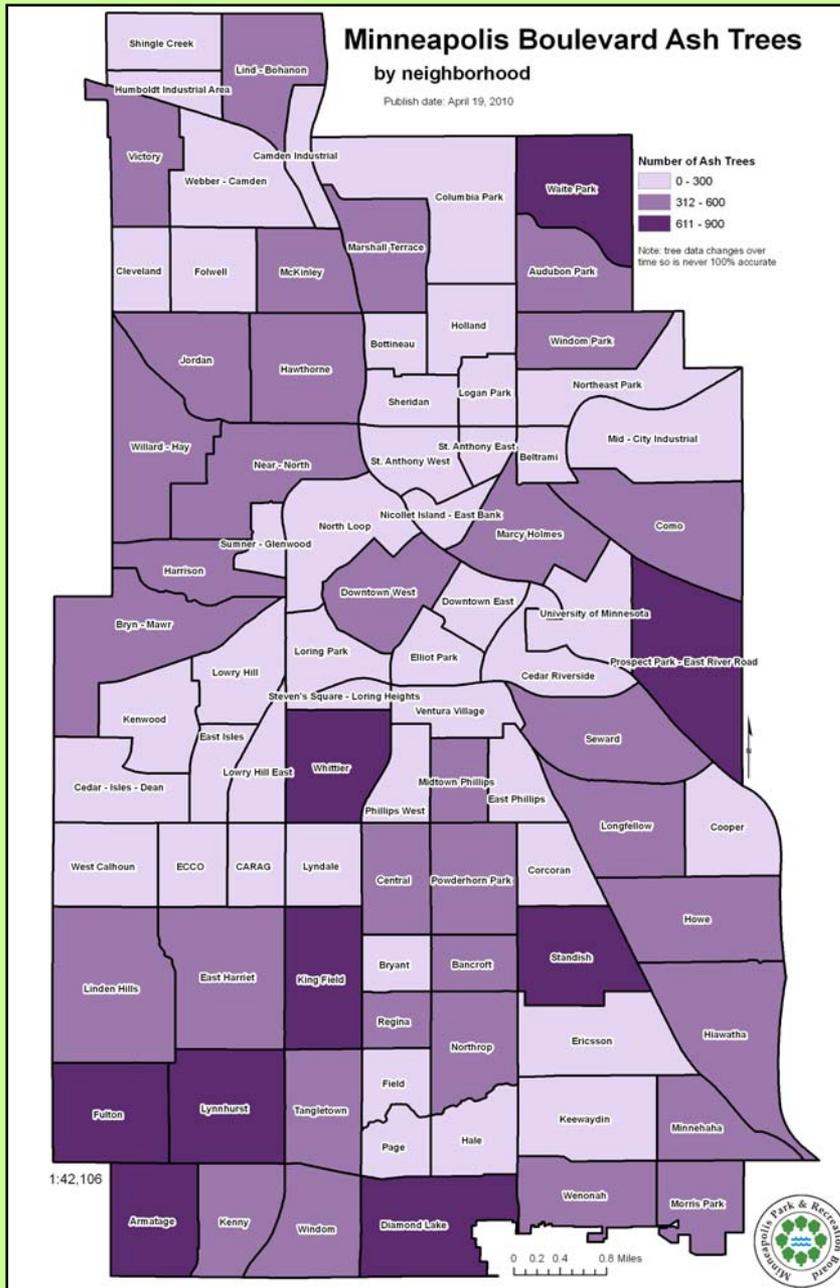


Updated Ordinances

- Definition of tree nuisance expanded, no longer limited to Dutch Elm Disease
- City Tree Service License now covers applying pesticides to a tree
- Prohibited sale, storage & transportation of elm wood expanded to include ash wood

38,000 Ash on Streets





The impact will be felt citywide with some neighborhoods being hit harder than others

Cooperating with MDA



Sink trees &
purple traps

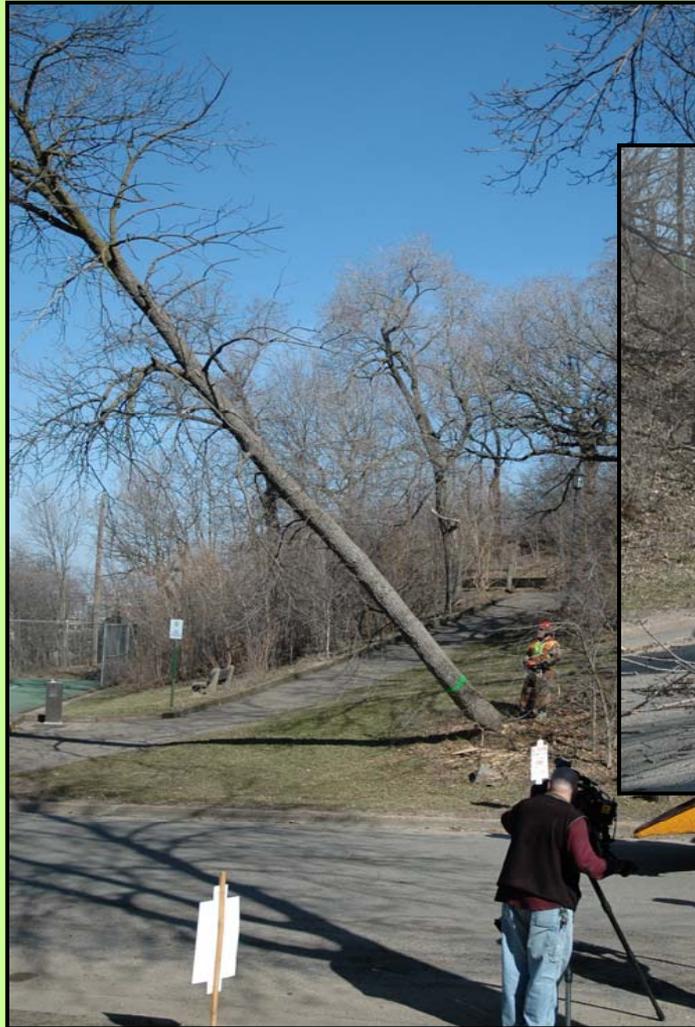
EAB is VERY hard to identify



Woodpeckers & D-shaped
exit holes

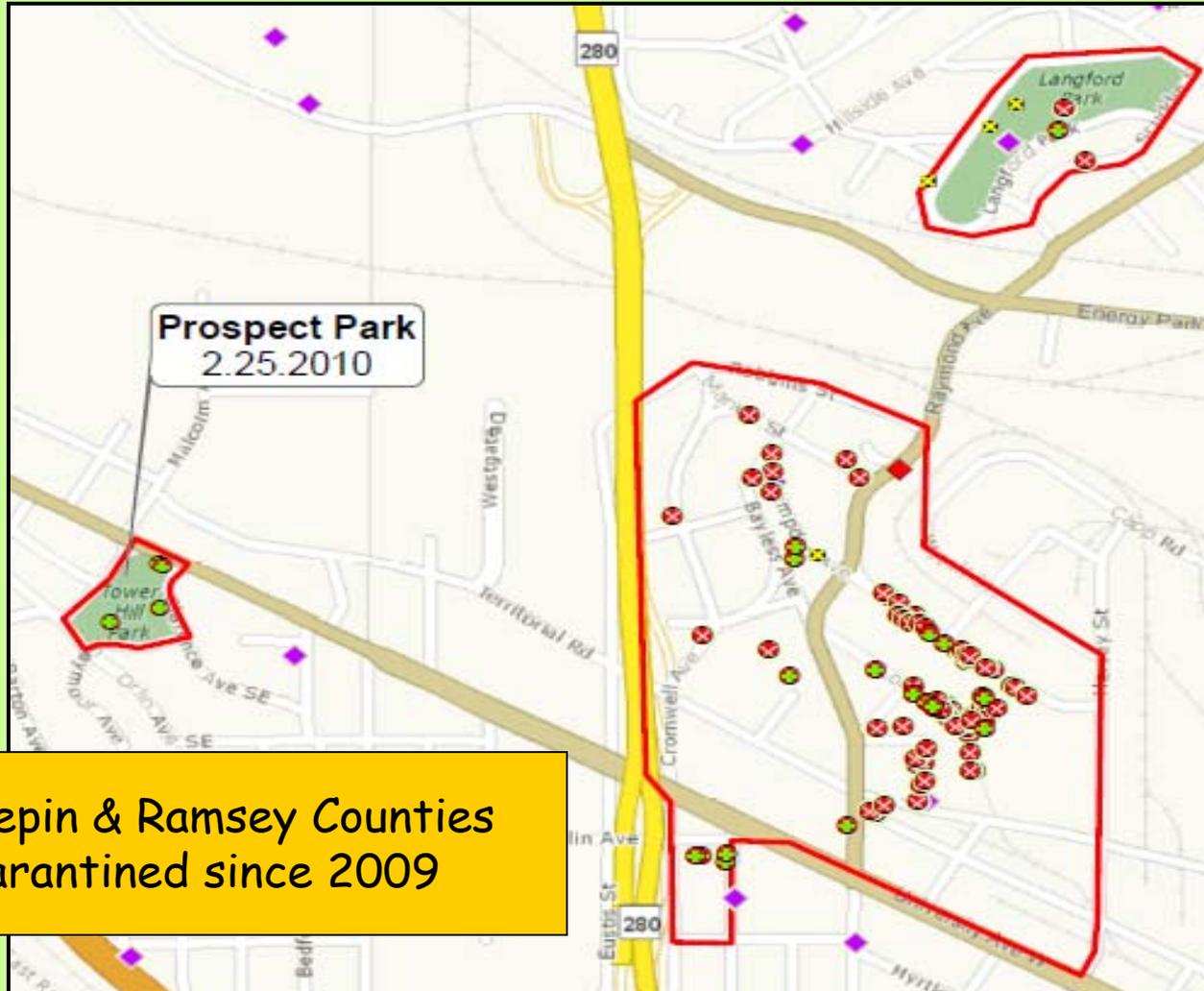
"Arrest the Pest" Hotline
651-201-6684 - Metro Area

Found in Tower Hill Park

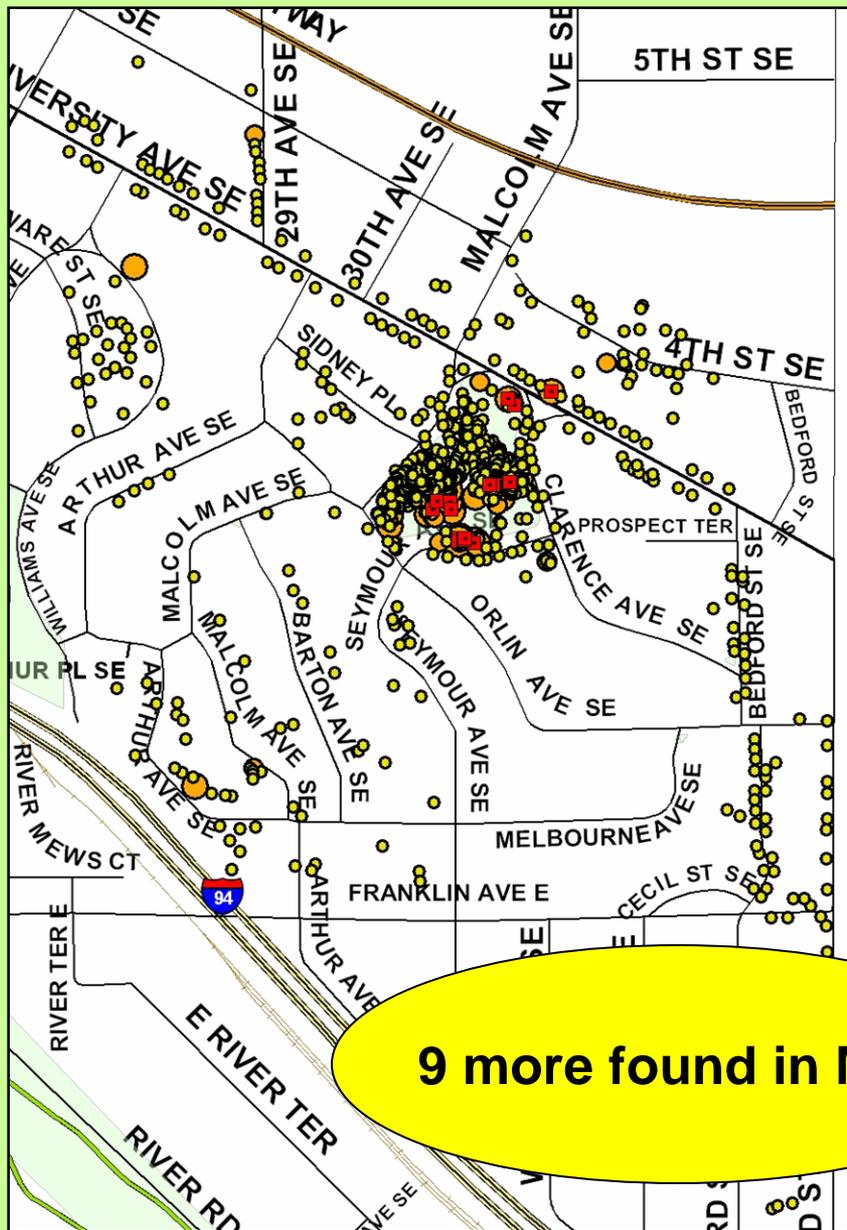


Found - February 2010
Removed in March

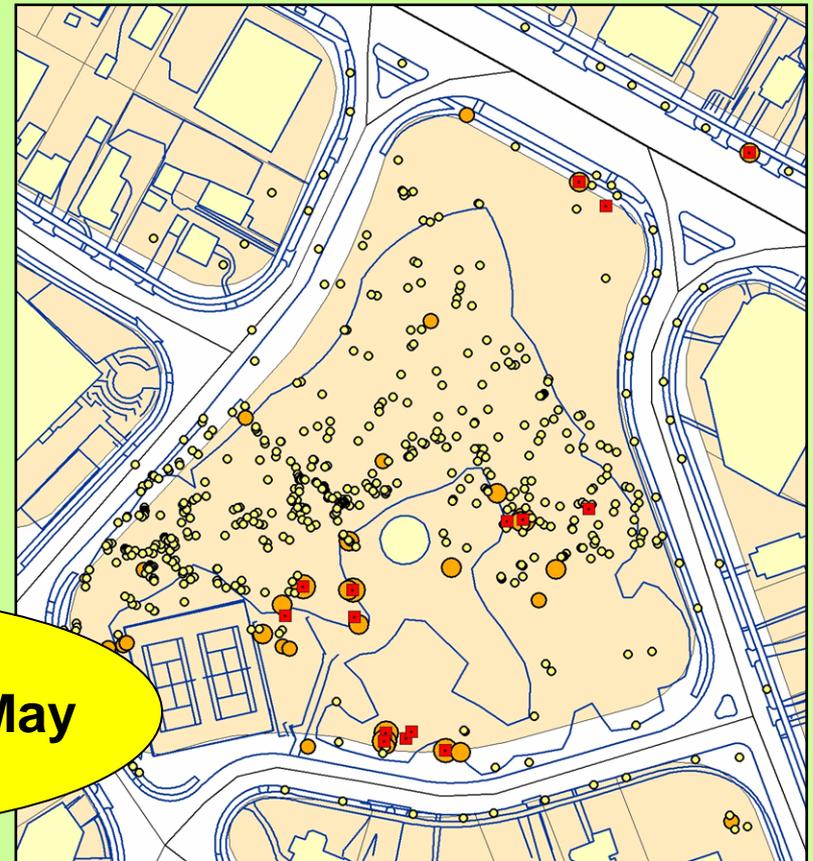
Proximity to St. Paul



Hennepin & Ramsey Counties
quarantined since 2009



15 confirmed trees
25 suspect trees



9 more found in May

Ash Autopsy Performed

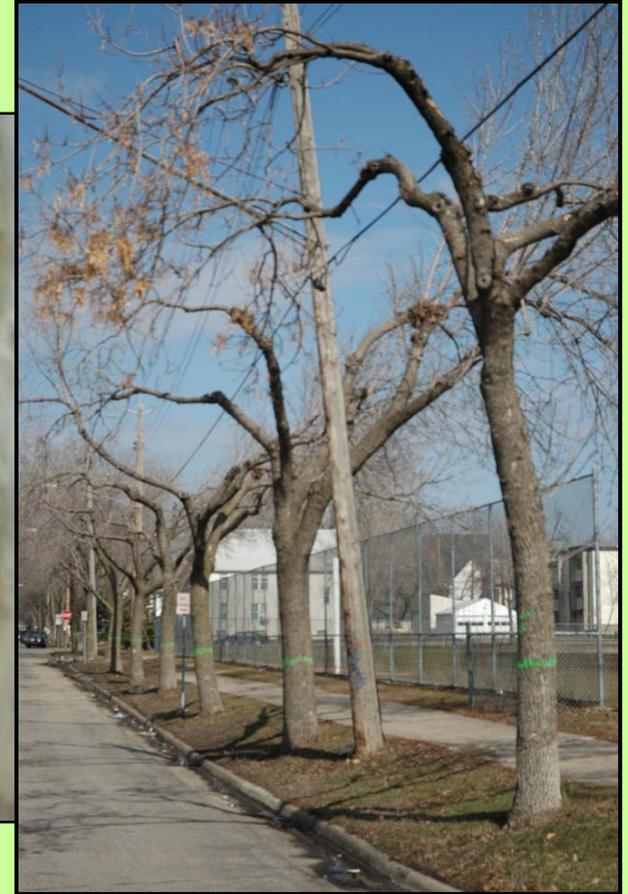


Eradication does not work



Devastation is inevitable

MDA Grant Underway

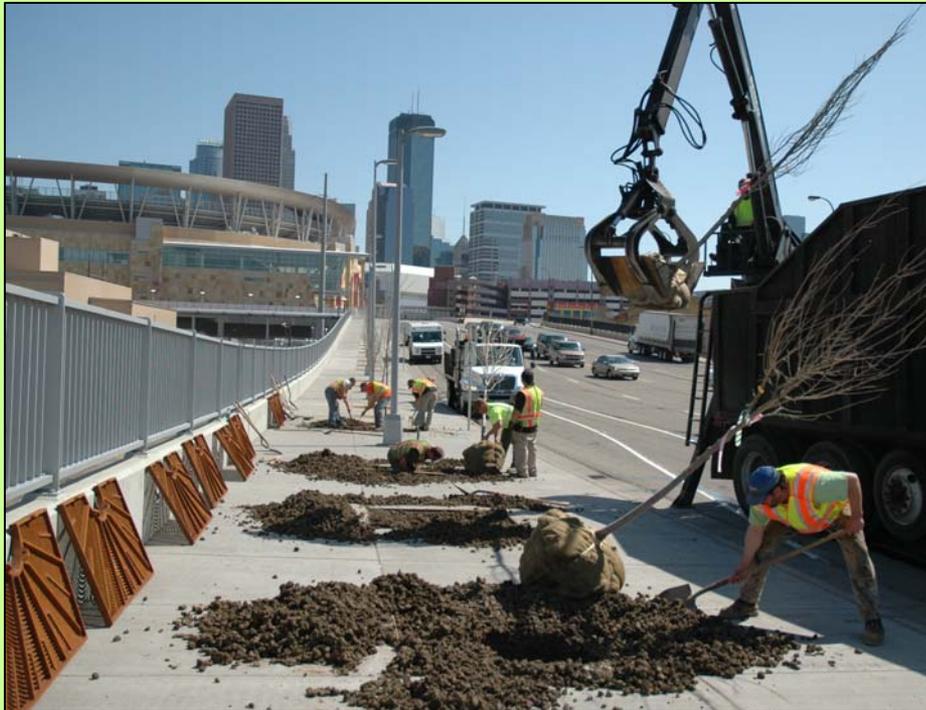


Controlled & Orderly Removal & Replanting

Over 500 Ash removed so far



Replanting with diverse tree types



Wood Utilization / Recycling



**MPRB's
Fort Snelling
Property**

Educate & prepare the public



EAB Summit
June 8th
in St. Louis Park



No working on Ash
from May 1st through Labor Day





MINNESOTA DEPARTMENT
OF AGRICULTURE

625 Robert St. N., St. Paul, MN 55155-2538
www.mda.state.mn.us

Plant Protection, Ph: 651-201-6536

Ash Tree Waste Disposal Sites within Hennepin-Ramsey-Houston County

EMERALD ASH BORER QUARANTINE

1. Wood and waste from ash trees **can not** be moved outside the quarantine area.
2. Please use the appropriate facility that is closest to the source of tree waste to help minimize the spread of Emerald Ash Borer. *(Call facilities for a list of acceptable material)*
3. **CALL FIRST** for special conditions, fees and hours.
4. Contact MDA's **Arrest the Pest Hotline at 651-201-6684 or 888-545-6684** or visit our website at www.mda.state.mn.us for more information.



| COUNTY | FACILITY | CONTACT # | WHO CAN DROP OFF |
|----------|--|--------------|--|
| Hennepin | Metro Wood Recycling, Inc. 2113 Bloomington Road, Minneapolis | 651-224-7527 | Commercial or Residential |
| Hennepin | Metro Wood Recycling, Inc. 51 34th Ave N, Minneapolis | 651-224-7527 | Commercial or Residential |
| Hennepin | City of Hopkins Brush/Yard Waste Drop off site 3100 Hopkins Crossroads, Hopkins | 952-548-6372 | Residents of Hopkins Only <i>Identification checked</i> |
| Hennepin | Maple Grove Yard Waste 14796 101st Ave N, Maple Grove | 763-420-4886 | Commercial or Residential |
| Hennepin | City of Minnetonka Public Works 11522 Minnetonka Blvd, Minnetonka | 952-988-8430 | Residents of Minnetonka Only <i>Identification checked</i> |
| Hennepin | City of Plymouth Yard Waste Site 14900 23rd Ave N, Plymouth | 763-509-5940 | Residents of Plymouth and Long Lake Only. <i>Identification checked</i> |
| Hennepin | Specialized Environmental Technologies 4275 Creeksview Cir, Minnesota | 952-446-1056 | Commercial or Residential |
| Hennepin | Specialized Environmental Technologies 630 Malcolm Ave. SE, Minneapolis | 612-331-4610 | Commercial or Residential |

MDA has approved disposal sites

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| | | | |
|---------|--|--------------|---|
| Houston | 1 mile north of Houston on Cty Rd 9, Houston | 507-498-5224 | <i>Identification checked</i> |
| Houston | City of La Crescent Old Main St. La Crescent | 507-895-2595 | Residents of La Crescent and La Crescent Township Only - <i>Identification checked</i> |
| Houston | City of Spring Grove 118 1st Ave NW, Spring Grove | 507-498-5221 | Residents of Spring Grove Only <i>Identification checked</i> |

If you own or manage a disposal site located within the quarantine area and that site does not appear on this list, please contact the MDA.

In accordance with the Americans with Disabilities Act, an alternative form of communication is available upon request.
TTY: 1-800-627-3529. MDA is an equal opportunity employer and provider.

ash disposal sites.mdd 09/23/09

Treatment of Public Ash by Property Owners



- MPRB issues permits to companies
- Treatment method must be via trunk injection
- Companies notify MPRB of locations

What about private trees?

- Do nothing -
wait for your Ash to die
- Plant a replacement tree &
wait for Ash to die
- Remove Ash & plant a
replacement tree
- Treat Ash using
recommended strategies



Residential Treatment

- Determine if Ash is worth treating
 - Is tree healthy and the threat imminent?
 - How long will you be in your home?
 - Does tree have sentimental or functional value?
 - Are removal costs extensive?
 - Are you committed to ongoing treatment?
- Hire City Licensed Tree Service
 - Use only Commercial Pesticide Applicators
 - Effective treatment is from mid-April through June
 - Refer to EAB publications to determine best method of treatment

Insecticide Options for Protecting Ash Trees from Emerald Ash Borer

North Central Team

Insecticide Options for Protecting Ash Trees from Emerald Ash Borer

Emerald Ash Borer: Homeowner Guide to Insecticide Selection, Use, and Environmental Protection

Before Using an Insecticide Consider the Following

- ✓ **Identify if EAB is Near**
Start insecticide treatments only when your property is within 15 miles of an EAB infestation, or if you are within a county that is quarantined for EAB. Check [MSU's Interactive EAB Survey Map](#) for current infestations in Minnesota.
- ✓ **Remove and Replace Ash Trees on Your Property**
It may be more cost effective to replace a small or struggling ash tree than to pay the cost of ongoing treatments. In addition, trees in poor health are not likely to respond well to treatments. Do not treat trees showing more than 50 percent canopy decline; these ash trees are unlikely to recover even if treated.

© Treatment Resources & Land-Owner Commitment

Emerald Ash Borer: Homeowner Guide to Insecticide Selection, Use, and Environmental Protection

There are homeowner treatment options for small ash trees, though these require careful application to avoid unintended environmental impacts. Homeowners wishing to protect trees larger than 48 inches in circumference (as measured 4' feet above ground level) should have their trees professionally treated.

EAB: The Clock is Ticking

