

# Emerald Ash Borer Management in Saint Paul



**Upper Midwest Invasive Species Conference**

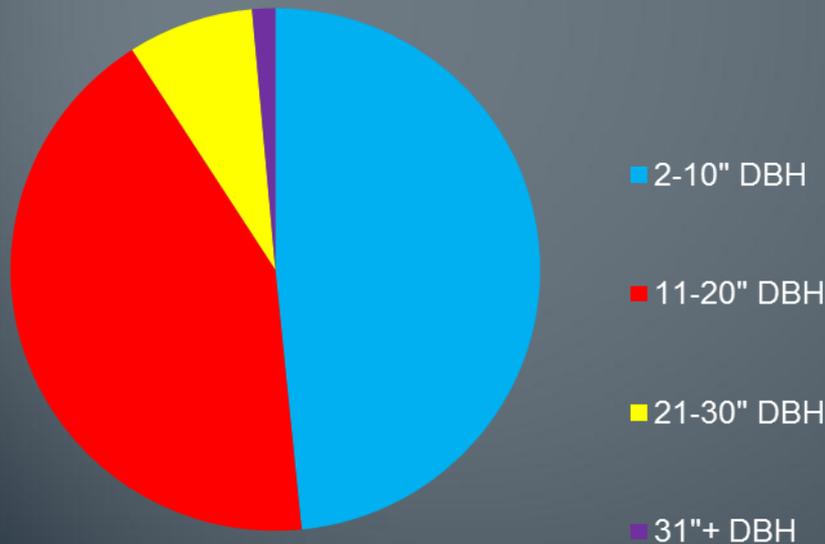
**October 20, 2014**

**Rachel Coyle, Urban Forester**

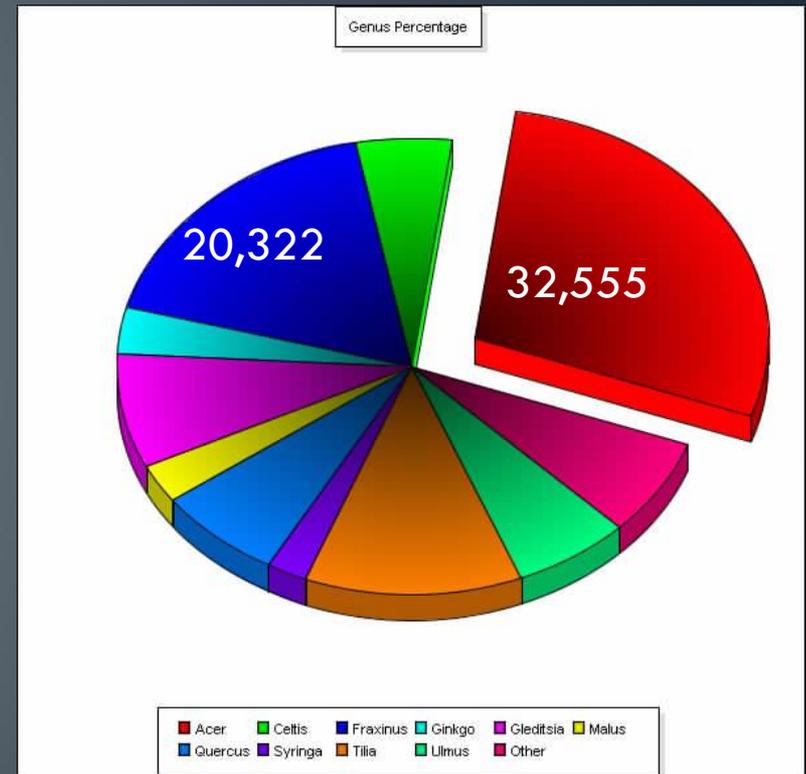
**City of Saint Paul, MN**

# Saint Paul's Urban Forest

- Davey TreeKeeper7 online tree inventory in use since 2009
- Street & Park Tree Master Plan updated in 2010 (available online)
- i-Tree Street Tree Benefits Reports for each planning district
- Canopy assessment completed in 2010-11 with grant from DNR



Size Distribution of St. Paul's Urban Forest



Top 10 Genera in Saint Paul

# What is Saint Paul doing to mitigate the effects of EAB?

- **Monitoring & Sanitation**
- **Insecticide Treatment**
- **Reforestation**
- **Structured Removal**

## Collaborative Efforts:

Bio-control releases

Branch sampling—2 ongoing projects w/MDA

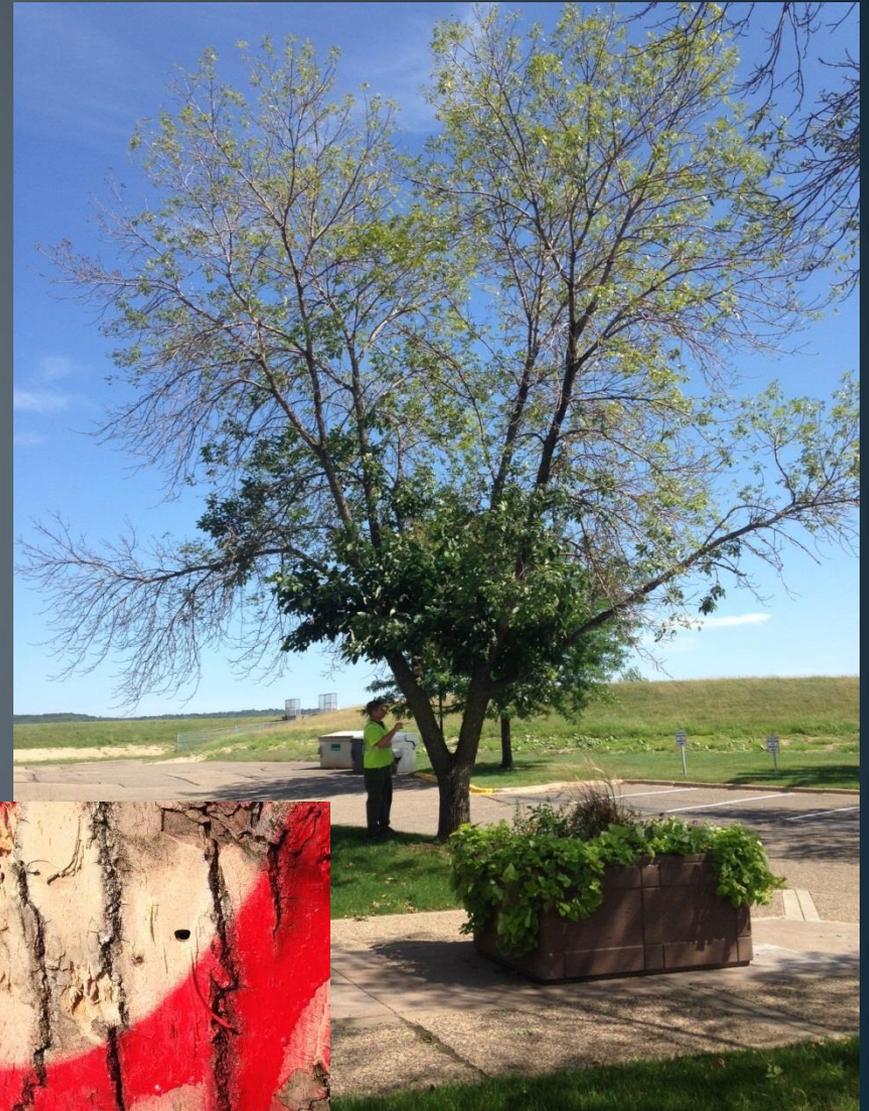
Monitoring

Health Impact Assessment w/MPCA

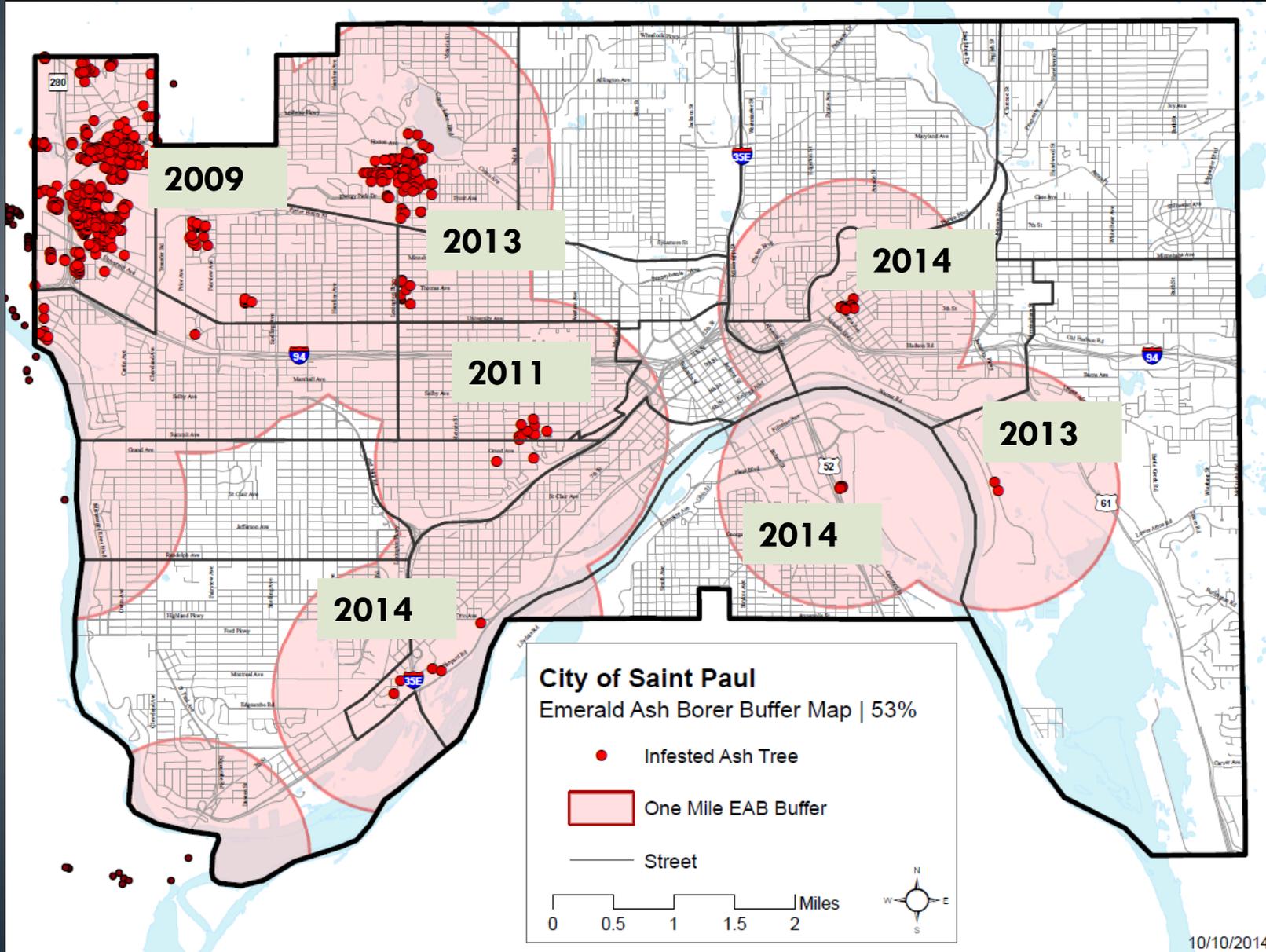


# Monitoring & Sanitation

- 600+ infested public trees have been removed since 2009
- Close to 700 infested trees on private property have been condemned and subsequently removed or treated



# EAB: Current Known Status in Saint Paul



# Insecticide Treatment

- Started treating trees in 2011 to slow the spread of EAB/reduce populations & to pace removals with funding.
- Plans to treat ~4,500 ROW & 500 Park trees in total



# Structured Removal

- 2900+ ash removed since 2009
- Ash are also removed in conjunction with construction projects (800+ since 2010)



# Reforestation

- Two or more species per street to increase diversity.
- Replace 1:1 on SR streets, but also fill any vacant spots on streets
- \$150K grant 2010-12 (DNR Bonding) to plant in areas affected by EAB— close to 800 trees were planted.



# Hazard Tree Mitigation

- What does the future hold?



# Questions?

**City of Saint Paul:**

[www.stpaul.gov/eab](http://www.stpaul.gov/eab)

[www.stpaul.gov/forestry](http://www.stpaul.gov/forestry)

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