

Emerald ash borer management plan

YourTown, Your province

Date

Executive summary

Summarizes the management plan.

Background

Describes the potential impact of emerald ash borer in the community.

Sections to consider including in the background section:

-  History of emerald ash borer in country or region
-  Scope of the problem in the region
-  Potential impact in the community
-  Emerald ash borer biology
-  Host trees

Goals and objectives

Identifies the outcomes to be achieved with the plan.

Some examples of objectives identified by communities:

-  Minimize costs associated with emerald ash borer
-  Identify liability from killed ash trees
-  Mitigate liability and reduce public risk from dead trees
-  Manage urban canopy cover
-  Minimize economic and environmental impact
-  Increase tree species diversity
-  Engage community in forest conservation
-  Public education/outreach plan for private tree issues

Scope of the plan

Identifies which trees are covered by the plan. Will the plan include street trees only, or will it include park trees, or trees on private property?

Management plan components

1. Inventory

Describes the strategy for tree inventory. Needed for assessing community risk to emerald ash borer.

Strategies for tree inventory:

-  Full inventory
-  Ash only inventory
-  Sub-sample inventory
-  Hyperspectral imaging

2. Surveillance

Indicates how the location and extent of emerald ash borer in the community will be determined.

Surveillance methods:

-  Prism trap survey
-  Branch sampling
-  Other: visual surveys; hyperspectral imaging; trap trees

3. Priorities and plan of action

Outlines the management action plan.

Elements:

-  Tree removals: Proactive or reactive
-  Insecticide treatment: Will any trees be treated? If so, how will they be selected? What insecticide will be used?
-  Replanting: Will removed trees be replaced? When? With what tree species?
-  Maintenance plan for non-ash trees
-  Private ash trees
-  Biomass utilization and/or disposal

Implementation

Describes who will carry out the plan and how it will be done.

- 🐞 Inventory human and equipment resources – determine what can be done in-house and what will be contracted out
- 🐞 Establish project coordinator and committee or task force
- 🐞 Forming partnerships with neighboring communities for information and resource sharing may be helpful

Communications plan

Identifies stakeholders, what they need to know, how often they need to be updated and how they will be communicated with.

Public education and outreach

Identifies key messages and methods of communication for engaging community stakeholders.

Budget

Describes how much the plan will cost to implement and over what timeline.