

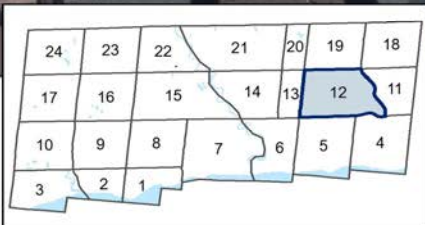
# 2016 Forest Health Report Cards

**Town of Oakville**  
Urban Forest Health Monitoring Program

# Sheridan Hills Park (1)

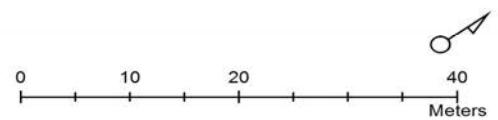
Woodland is healthy with no obvious forest health issues

1



## Sheridan Hills Park

0.11 hectares



### Forest Health Rating Legend

- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

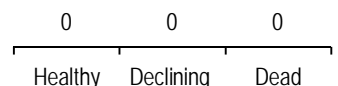
### Key findings







- " Understory dominated by garlic mustard; little native regeneration.
- " Little leaf lindens showing signs of drought stress.
- " Ash trees have been harvested.
- " Yard waste dumping present.
- " There are no biotic disturbances affecting this woodland.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 0 ash trees were found in this woodland.

### Invasive plant presence

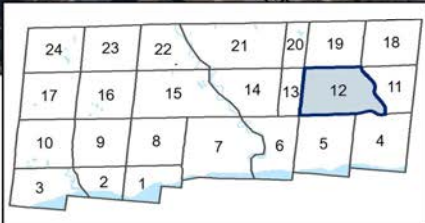


<b>high</b>	<b>moderate</b>	<b>low</b>
 	 	 
garlic mustard	buckthorn	winged euonymus

# Sheridan Hills Park (2)

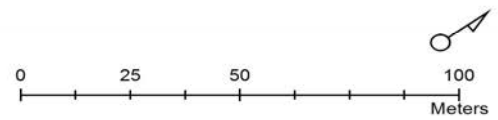
Woodland is healthy with no obvious forest health issues

1



## Sheridan Hills Park

0.99 hectares



### Forest Health Rating Legend

- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

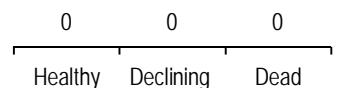
### Key findings

- “ Yard waste is prevalent throughout woodland.
- “ Little leaf lindens and silver maples showing signs of drought stress.
- “ Ash trees have been harvested.
- “ There are no biotic disturbances affecting this woodland.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 0 ash trees were found in this woodland.

### Invasive plant presence



<b>high</b> 	<b>high</b> 	<b>moderate</b> 	<b>low</b> 
buckthorn	garlic mustard	honeysuckle	coltsfoot

# Sheridan Hills Park (3)

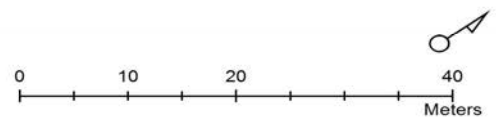
Woodland is healthy with no obvious forest health issues

1



## Sheridan Hills Park

0.11 hectares



### Forest Health Rating Legend

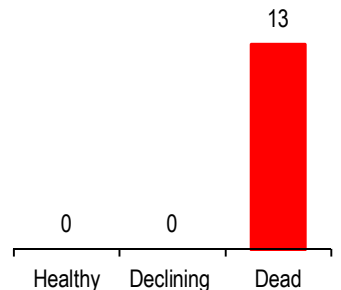
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

### Key findings

- “ While there is ash mortality in this woodland, the majority are small diameter trees and this does not represent a large component of this woodland. Many ash trees have been harvested. Other dominant canopy species are healthy.
- “ Other than emerald ash borer, there are no additional biotic or abiotic disturbances affecting this woodland.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 13 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



### Invasive plant presence

moderate garlic mustard	low bindweed	low English ivy
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# The Parkway (1)

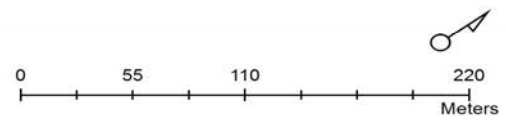
Woodland is healthy with no obvious forest health issues

1



## The Parkway

2.80 hectares



### Forest Health Rating Legend

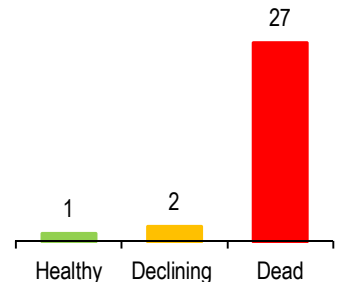
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

### Key findings

- ~ Beech scale present in low populations on American beech.
- ~ Butternut canker present on butternut.
- ~ Minor gypsy moth defoliation on red and white oak.
- ~ The majority of large ash trees have been harvested in this woodland.
- ~ Invasive groundcovers are thriving along woodland edges.
- ~ Majority of new plantings showing signs of drought stress.
- ~ Yard waste dumping frequent throughout woodland.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 30 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



### Invasive plant presence

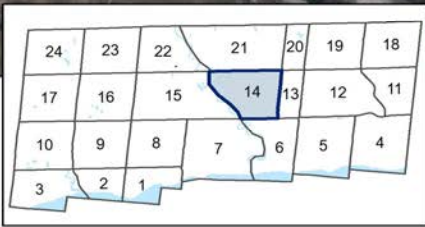
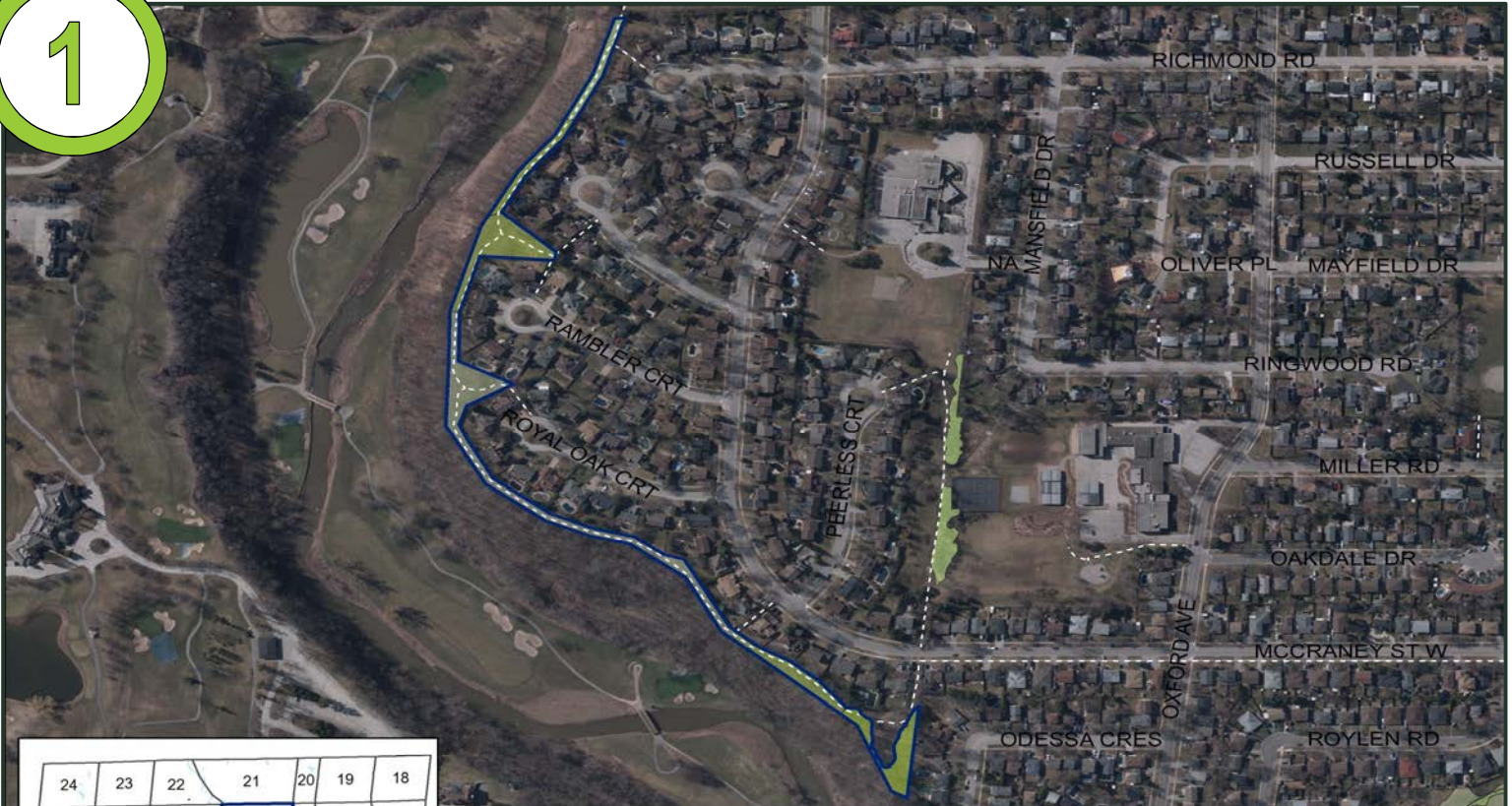
moderate <p>buckthorn</p>	moderate <p>garlic mustard</p>	moderate <p>honeysuckle</p>	moderate <p>purple loosestrife</p>	low <p>dog strangling vine</p>	low <p>phragmites</p>
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Other species present  
wild grape (low)  
winged euonymus (low)

# Clear Creek Park

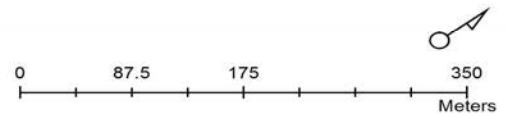
Woodland is healthy with no obvious forest health issues

1



## Clear Creek Park

1.12 hectares



### Forest Health Rating Legend

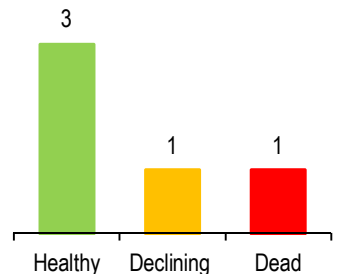
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

### Key findings

- “ Minor defoliation affecting various oak species; likely caused by gypsy moth, however no insects were observed.
- “ Moderate defoliation caused by unknown defoliator(s) affecting basswood.
- “ There is some native regeneration in this woodland, however buckthorn dominates the understory in many areas.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 5 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



### Invasive plant presence

<b>high</b>	<b>moderate</b>	<b>moderate</b>	<b>moderate</b>	<b>moderate</b>	<b>low</b>
buckthorn	black alder	garlic mustard	honeysuckle	wild grape	periwinkle

Other species present winged euonymus (low)

# The Parkway (2)

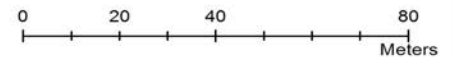
Woodland is healthy with no obvious forest health issues

1



## The Parkway

0.47 hectares



### Forest Health Rating Legend

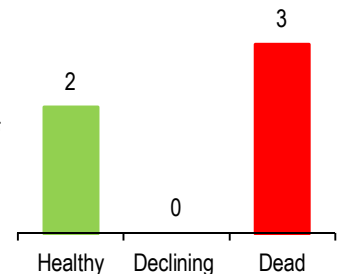
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

### Key findings

- “ Understory is dominated by buckthorn; very little native regeneration.
- “ The majority of ash trees have been harvested, few remain.
- “ Other than EAB, there are no biotic disturbances affecting this woodland.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 5 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



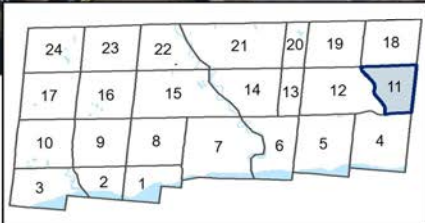
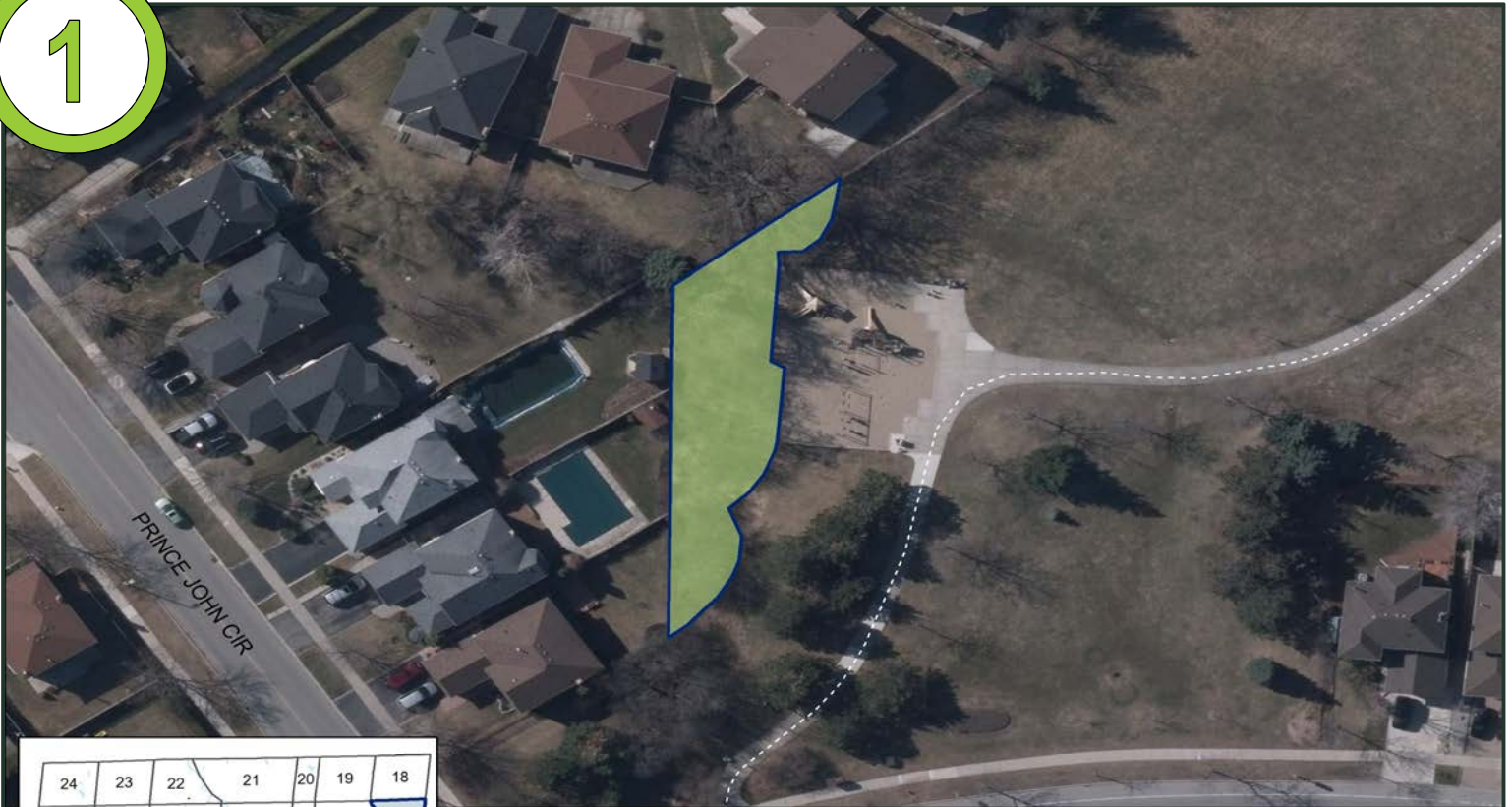
### Invasive plant presence

 moderate 	 moderate 	 low 
honeysuckle	purple loosestrife	wild grape

# Kingsway Park

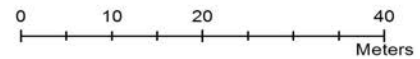
Woodland is healthy with no obvious forest health issues

1



## Kingsway Park

0.05 hectares



### Forest Health Rating Legend

- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

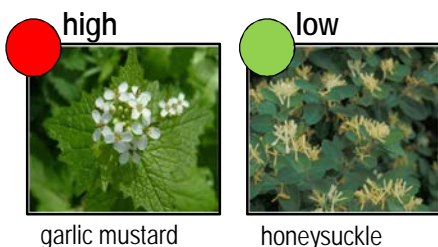
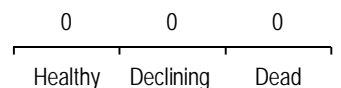
### Key findings

- “ Buckthorn dominates the understory of this woodland; very little native regeneration.
- “ Defoliation on Virginia creeper vine, likely due to Japanese beetle, but no insects present.
- “ Buckthorn is showing signs of drought stress.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 0 ash trees were found in this woodland.

### Invasive plant presence





# Clearview Woods

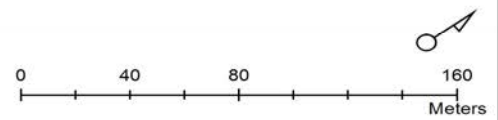
Woodland is healthy with no obvious forest health issues

1



## Clearview Woods

2.85 hectares



### Forest Health Rating Legend

- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

### Key findings

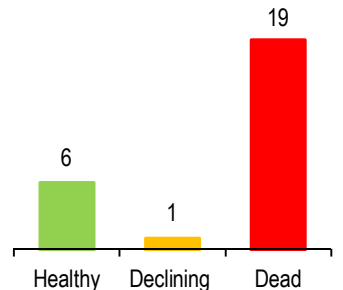
- ~ Minor defoliation affecting oak. Likely caused by gypsy moth, however no insect evidence observed.
- ~ Dutch elm disease present, causing isolated elm mortality.
- ~ There is some native understory, but garlic mustard and buckthorn dominate in most areas.
- ~ Many new plantings showing signs of drought stress; in some cases mortality has occurred.
- ~ Yard waste dumping throughout woodland.

### Invasive plant presence

<span style="color: red;">●</span> high	<span style="color: orange;">●</span> moderate	<span style="color: orange;">●</span> moderate	<span style="color: green;">●</span> low
garlic mustard	buckthorn	honeysuckle	wild grape

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 26 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



# Avonhead Ridge Trail South

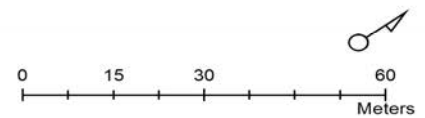
Woodland is healthy with no obvious forest health issues

1



## Avonhead Ridge Trail South

0.35 hectares



### Forest Health Rating Legend

- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

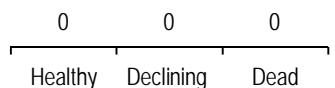
### Key findings

- Minor defoliation caused by an unknown defoliator on white oak.
- Yard waste dumping in isolated pockets.
- Ash trees have been harvested due to emerald ash borer.
- The regenerating understory is dominated primarily by invasive plants, but there is some native sumac.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 0 ash trees were found in this woodland to assess the impact of EAB to date.

### Invasive plant presence



<div style="color: red; font-weight: bold; font-size: 20px;">●</div> <b>high</b>	<div style="color: orange; font-weight: bold; font-size: 20px;">●</div> <b>moderate</b>	<div style="color: orange; font-weight: bold; font-size: 20px;">●</div> <b>moderate</b>	<div style="color: lightgreen; font-weight: bold; font-size: 20px;">●</div> <b>low</b>	<div style="color: lightgreen; font-weight: bold; font-size: 20px;">●</div> <b>low</b>	<div style="color: lightgreen; font-weight: bold; font-size: 20px;">●</div> <b>low</b>
buckthorn	garlic mustard	wild grape	goutweed	honeysuckle	periwinkle

# Morrison Valley North (1)

Woodland is healthy with no obvious forest health issues

1



## Forest Health Rating Legend

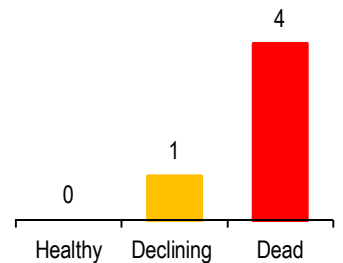
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

## Key findings

- “ Dutch elm disease present and causing isolated elm mortality throughout woodland.
- “ Minor to moderate defoliation caused by unknown defoliator(s) affecting oak, hickory, and basswood; likely gypsy moth, however no insects were observed.
- “ Minor branch dieback in few deciduous species, especially sugar maples and oak.

## Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 5 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



## Invasive plant presence

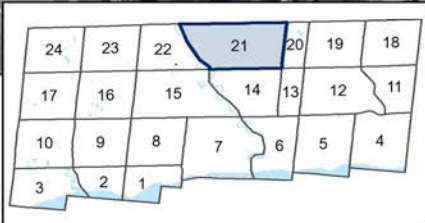
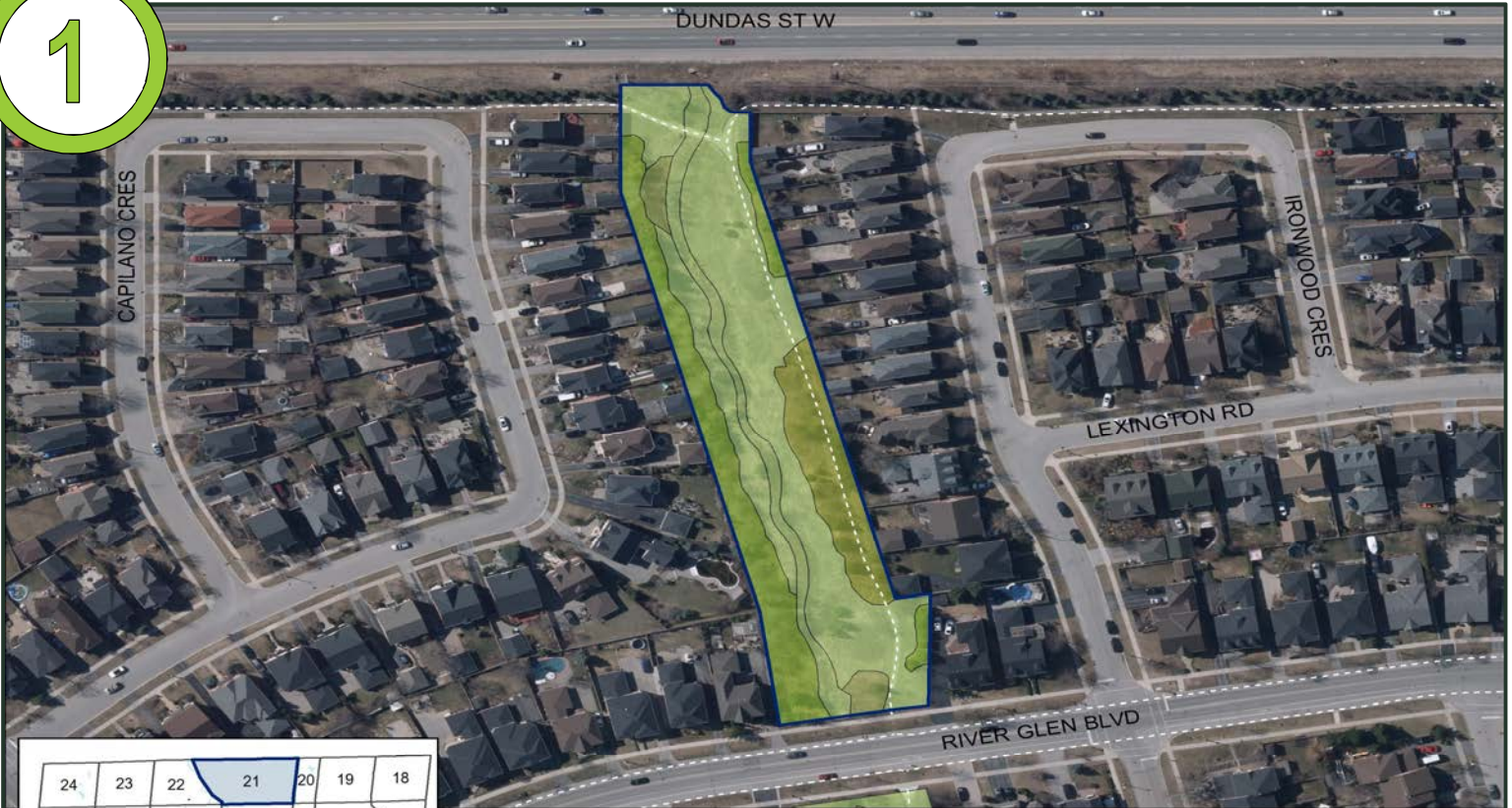
<b>high</b>	<b>moderate</b>	<b>moderate</b>	<b>moderate</b>	<b>low</b>	<b>low</b>
buckthorn	English ivy	garlic mustard	wild grape	coltsfoot	honeysuckle

Other species present  
periwinkle (low)  
Russian olive (low)

# Munn's Creek Trail (1)

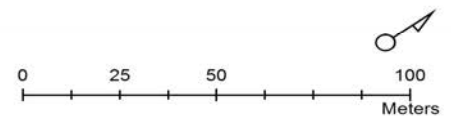
Woodland is healthy with no obvious forest health issues

1



## Munn's Creek Trail

0.74 hectares



### Forest Health Rating Legend

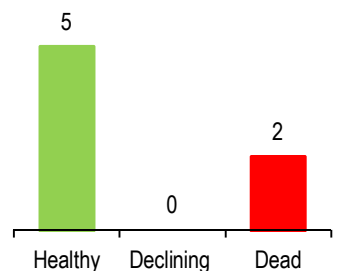
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

### Key findings

- “ Various deciduous species showing signs of drought stress.
- “ There are no biotic disturbances affecting the health of this woodland.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 7 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



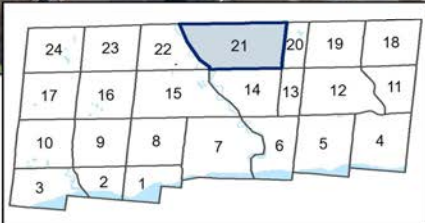
### Invasive plant presence

moderate <p>buckthorn</p>	moderate <p>garlic mustard</p>	moderate <p>phragmites</p>	low <p>purple loosestrife</p>	low <p>wild grape</p>
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# Harman Gate Park

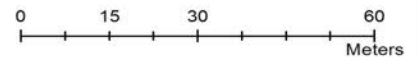
Woodland is healthy with no obvious forest health issues

1



## Harman Gate Park

0.37 hectares



### Forest Health Rating Legend

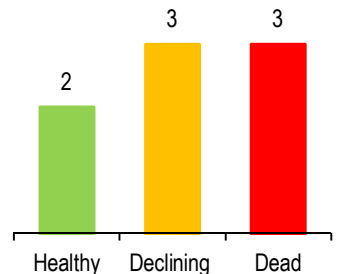
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

### Key findings

Other than emerald ash borer, there are no biotic or abiotic disturbances affecting the health of this woodland.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 8 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



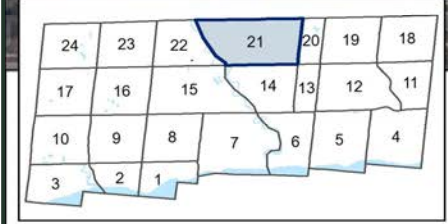
### Invasive plant presence

 <b>high</b>	 <b>moderate</b>	 <b>moderate</b>	 <b>low</b>
buckthorn	English ivy	garlic mustard	honeysuckle

# Munn's Creek Trail (2)

Woodland is healthy with no obvious forest health issues

1



## Munn's Creek Trail

2.43 hectares

### Forest Health Rating Legend

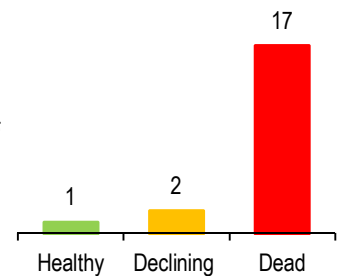
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

### Key findings

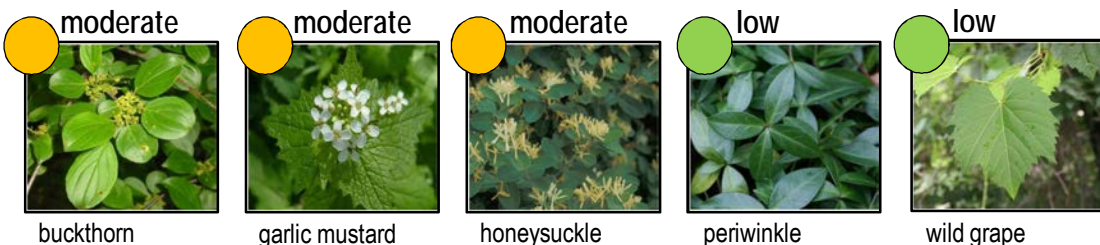
- Minor to moderate defoliation caused by unknown defoliator(s) affecting oak, basswood, and hickory.
- Dutch elm disease present and causing isolated elm mortality.
- Yard waste dumping present in scattered pockets throughout woodland.
- Signs of drought stress evident on various deciduous species.
- Many ash trees have been harvested due to emerald ash borer.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 20 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



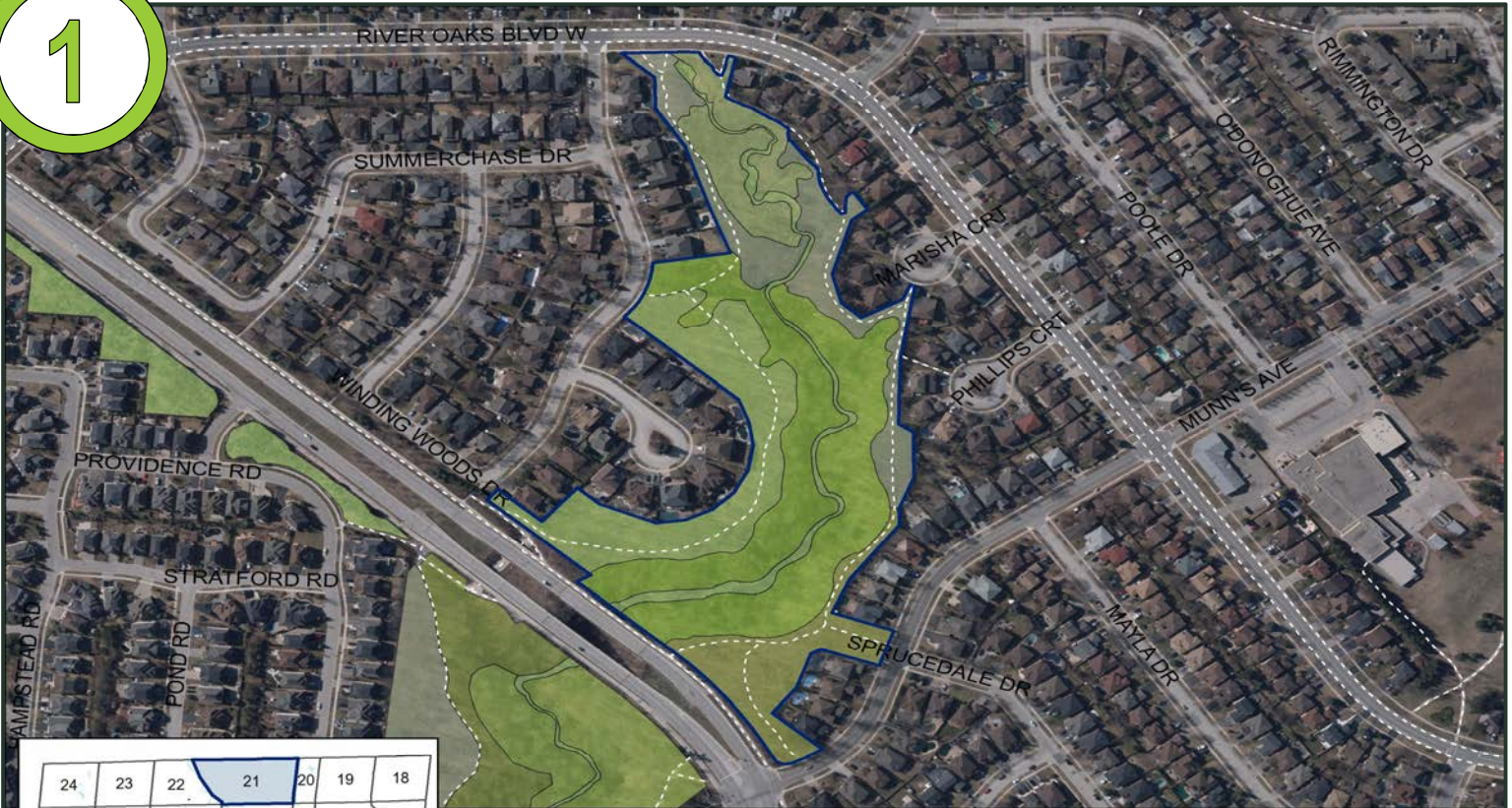
### Invasive plant presence



# Shannon Creek Trail South (1)

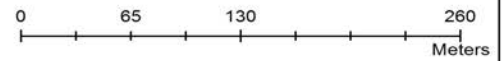
Woodland is healthy with no obvious forest health issues

1



## Shannon Creek Trail South

5.17 hectares



### Forest Health Rating Legend

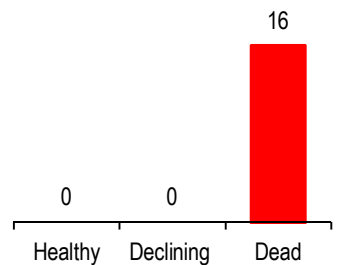
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

### Key findings

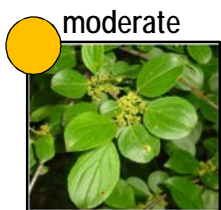
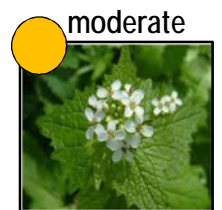
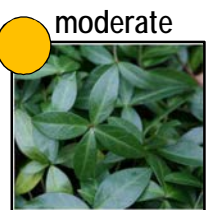
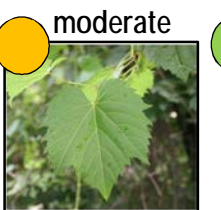


- “ Minor defoliation caused by unknown defoliator(s) affecting oak, basswood, sugar maple, ironwood, hawthorn, and beech. No insects observed.
- “ Leaf miner affecting basswood.
- “ Cooley gall present on Norway spruce.
- “ Black knot present on cherry and chokecherry.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 16 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



### Invasive plant presence

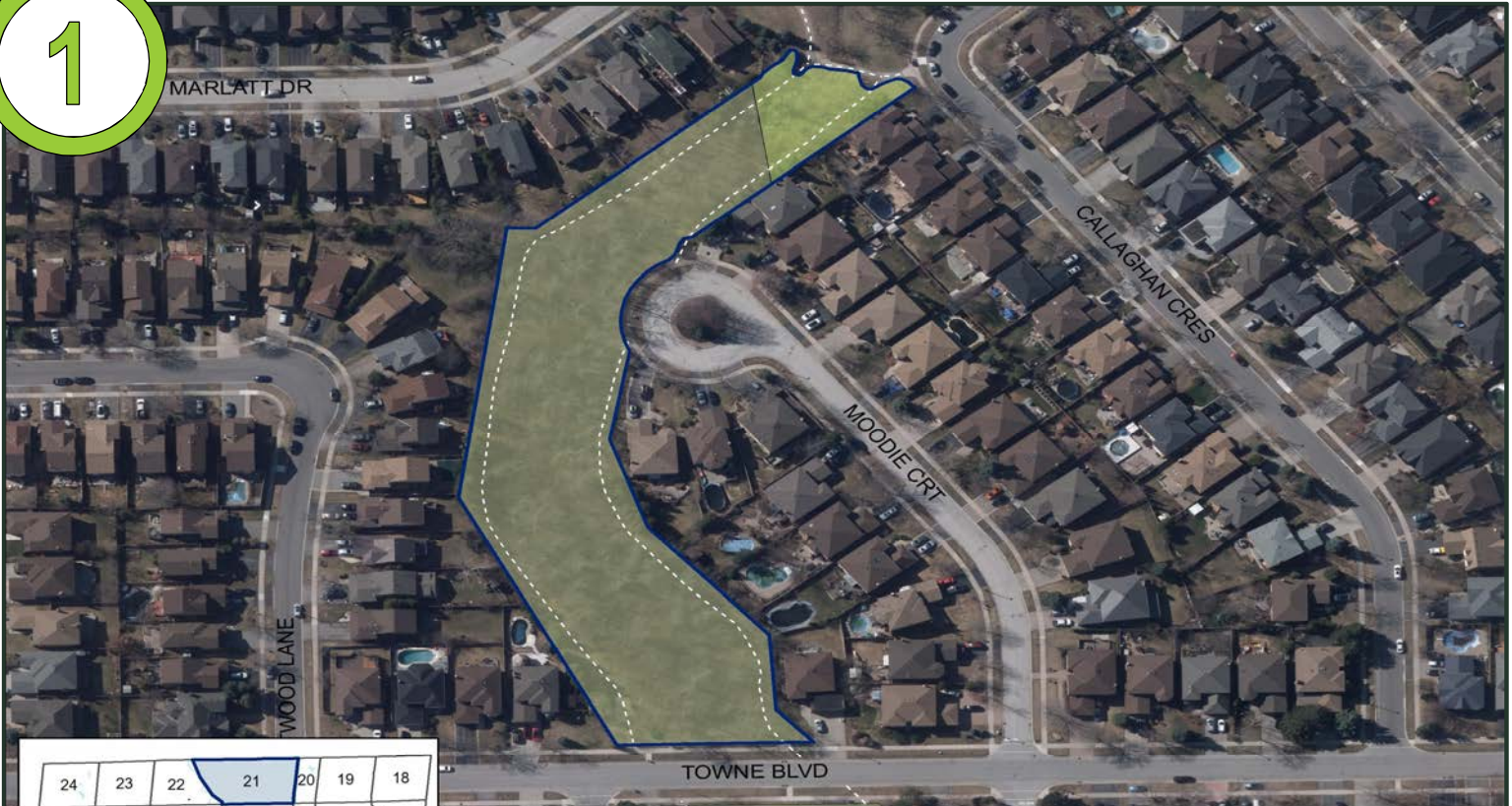
 moderate	 moderate	 moderate	 moderate	 low	 low
buckthorn	garlic mustard	periwinkle	wild grape	bindweed	English ivy

Other species present  
honeysuckle (low)  
purple loosestrife (low)

# Shannon Creek Trail South (2)

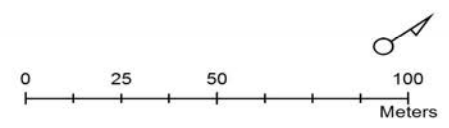
Woodland is healthy with no obvious forest health issues

1



## Shannon Creek Trail South

0.97 hectares



### Forest Health Rating Legend

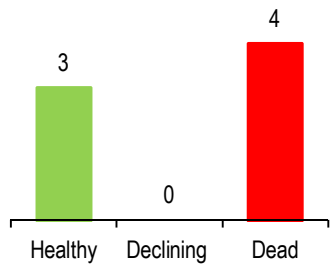
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

### Key findings

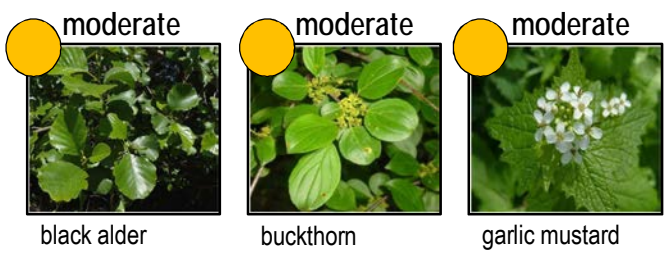
- “ Minor defoliation on oak; likely caused by gypsy moth, however no insects observed.
- “ Yard waste dumping in isolated sites throughout woodland.
- “ Ash trees have been harvested due to emerald ash borer; some mortality in remaining ash trees.
- “ Buckthorn management efforts underway.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 7 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



### Invasive plant presence

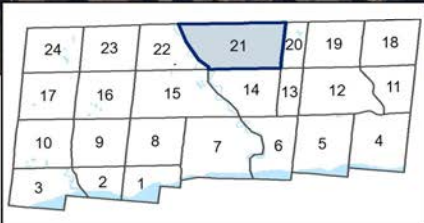




# Shannon Creek Trail South (3)

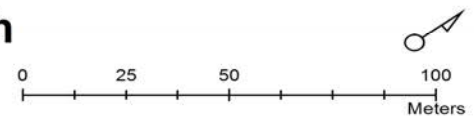
Woodland is healthy with no obvious forest health issues

1



## Shannon Creek Trail South

0.80 hectares



### Forest Health Rating Legend

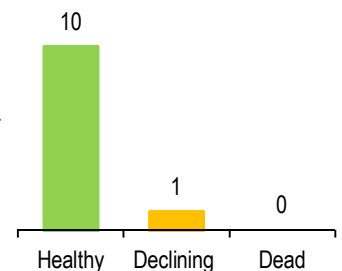
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

### Key findings

- “ Cooley gall present on Norway spruce.
- “ Black knot present on cherry and chokecherry.
- “ Minor defoliation caused by unknown defoliator(s) on red oak and basswood. No insects observed.
- “ Maples showing signs of drought stress and chlorosis.
- “ Yard waste dumping present throughout woodland.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 11 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



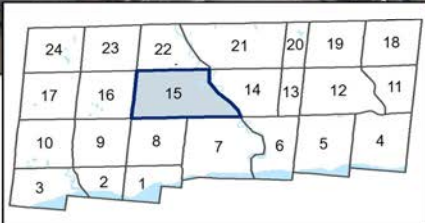
### Invasive plant presence

 moderate buckthorn	 moderate garlic mustard	 low wild grape
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# Birchtree Trail

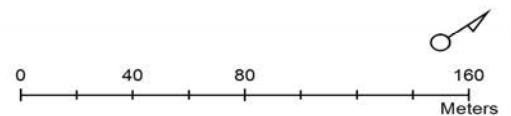
Woodland is healthy with no obvious forest health issues

1



## Birchtree Trail

0.52 hectares



### Forest Health Rating Legend

- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

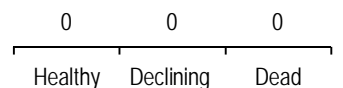
### Key findings

- There are no biotic disturbances affecting the health of this woodland.
- Yard waste dumping present in isolated sites throughout woodland.
- Buckthorn showing signs of drought stress.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 0 ash trees were found in this woodland to assess the impact of EAB to date.

### Invasive plant presence



<b>high</b>	<b>moderate</b>	<b>low</b>	<b>low</b>	<b>low</b>
buckthorn	garlic mustard	honeysuckle	periwinkle	wild grape

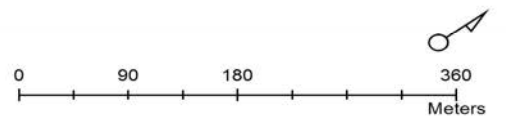
# Dorval Trail

Woodland is healthy with no obvious forest health issues

1



**Dorval Trail**  
6.05 hectares



## Forest Health Rating Legend

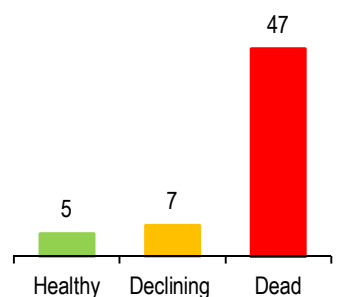
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

## Key findings

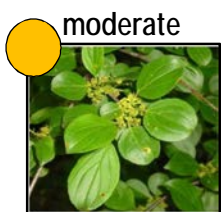
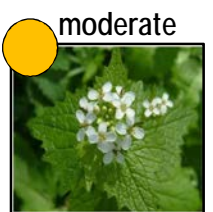
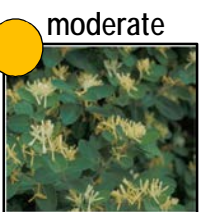
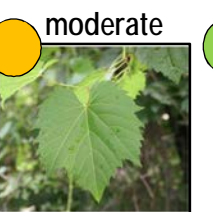
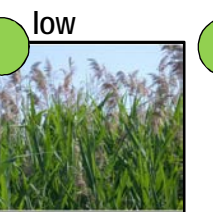

- ~ Cooley gall present on Norway spruce.
- ~ Dutch elm disease present and causing isolated elm mortality throughout woodland.
- ~ Minor defoliation caused by unknown defoliator(s) affecting basswood, red oak, hickory. No insect evidence observed.
- ~ Signs of drought stress evident of variety of deciduous species.
- ~ Yard waste dumping present in isolated pockets throughout woodland.
- ~ Pocket of dead ash in central "arm" of woodland.

## Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 59 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



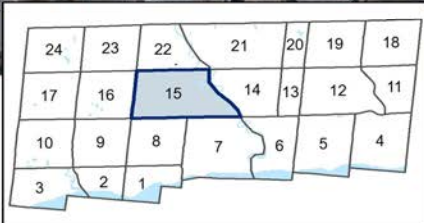
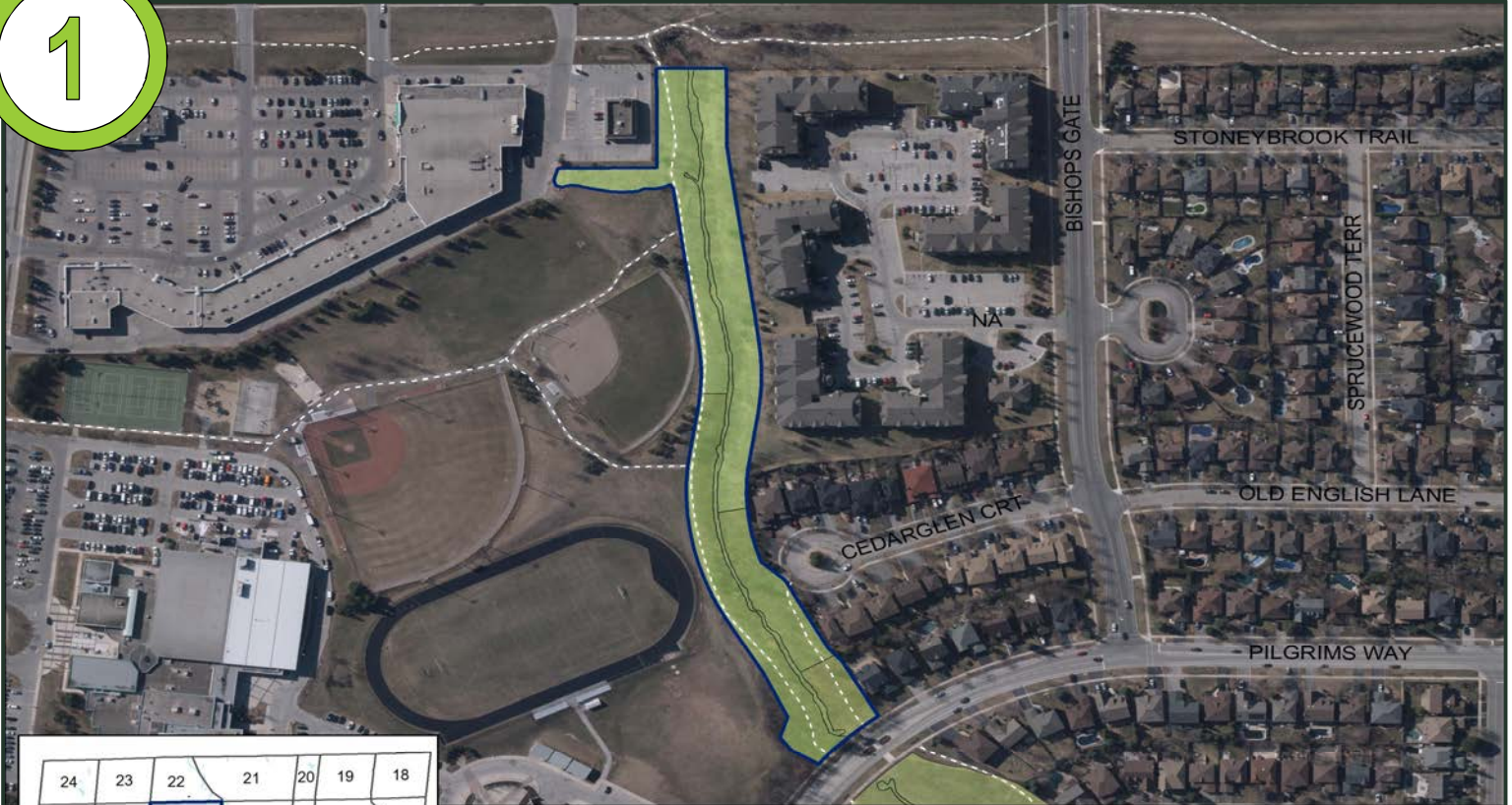
## Invasive plant presence

 moderate	 moderate	 moderate	 moderate	 low	 low
buckthorn	garlic mustard	honeysuckle	wild grape	phragmites	purple loosestrife

# McCraney Creek Trail South

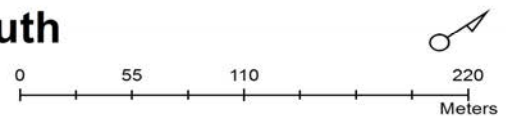
Woodland is healthy with no obvious forest health issues

1



## McCraney Creek Trail South

1.47 hectares



### Forest Health Rating Legend

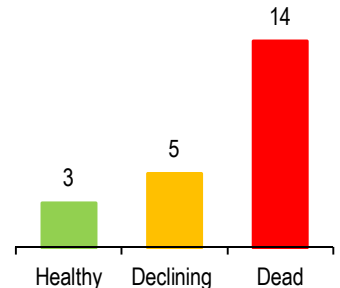
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

### Key findings

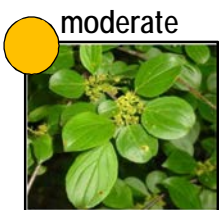
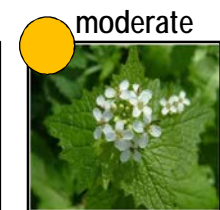
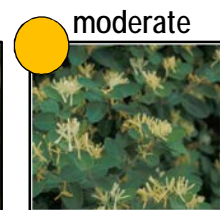
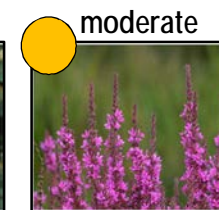


- “ Minor defoliation caused by unknown defoliator(s) affecting basswood.
- “ Understory species wilting due to drought stress.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 22 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



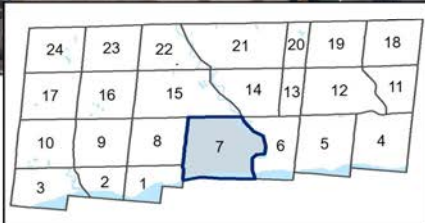
### Invasive plant presence

 moderate	 moderate	 moderate	 moderate	 low	 low
buckthorn	garlic mustard	honeysuckle	purple loosestrife	periwinkle	phragmites

# Sixteen Mile Creek South (1)

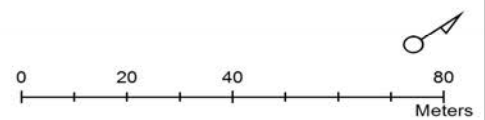
Woodland is healthy with no obvious forest health issues

1



## Sixteen Mile Creek South

0.58 hectares



### Forest Health Rating Legend

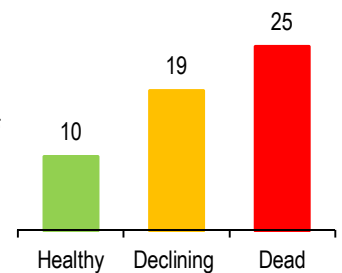
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

### Key findings

- “ Fairly healthy understory; early successional native species present on slope, invasive plants mostly confined to outer edges of woodland.
- “ Defoliation caused by unknown defoliator(s) affecting oak, sugar & Manitoba maples. Some dieback as well.
- “ Yard waste dumping present in one or two isolated sites.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 54 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



### Invasive plant presence

 <b>moderate</b> <p>buckthorn</p>	 <b>moderate</b> <p>garlic mustard</p>	 <b>moderate</b> <p>honeysuckle</p>	 <b>low</b> <p>giant hogweed</p>	 <b>low</b> <p>wild grape</p>
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# East Fourteen Mile Creek Trail

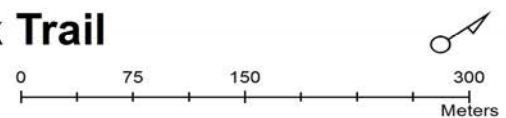
Woodland is healthy with no obvious forest health issues

1



## East Fourteen Mile Creek Trail

4.79 hectares



### Forest Health Rating Legend

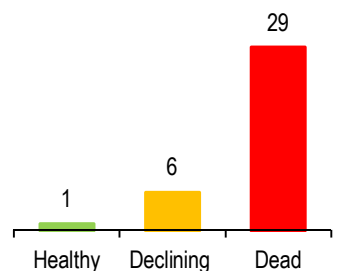
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

### Key findings

- “ Dutch elm disease present and causing elm decline and mortality in isolated pockets throughout woodland.
- “ Hypoxylon canker present and causing decline in trembling aspen.
- “ Minor defoliation affecting oak; likely caused by gypsy moth, however no insects observed.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 36 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



### Invasive plant presence

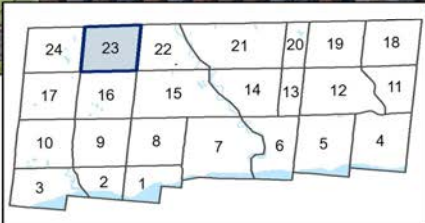
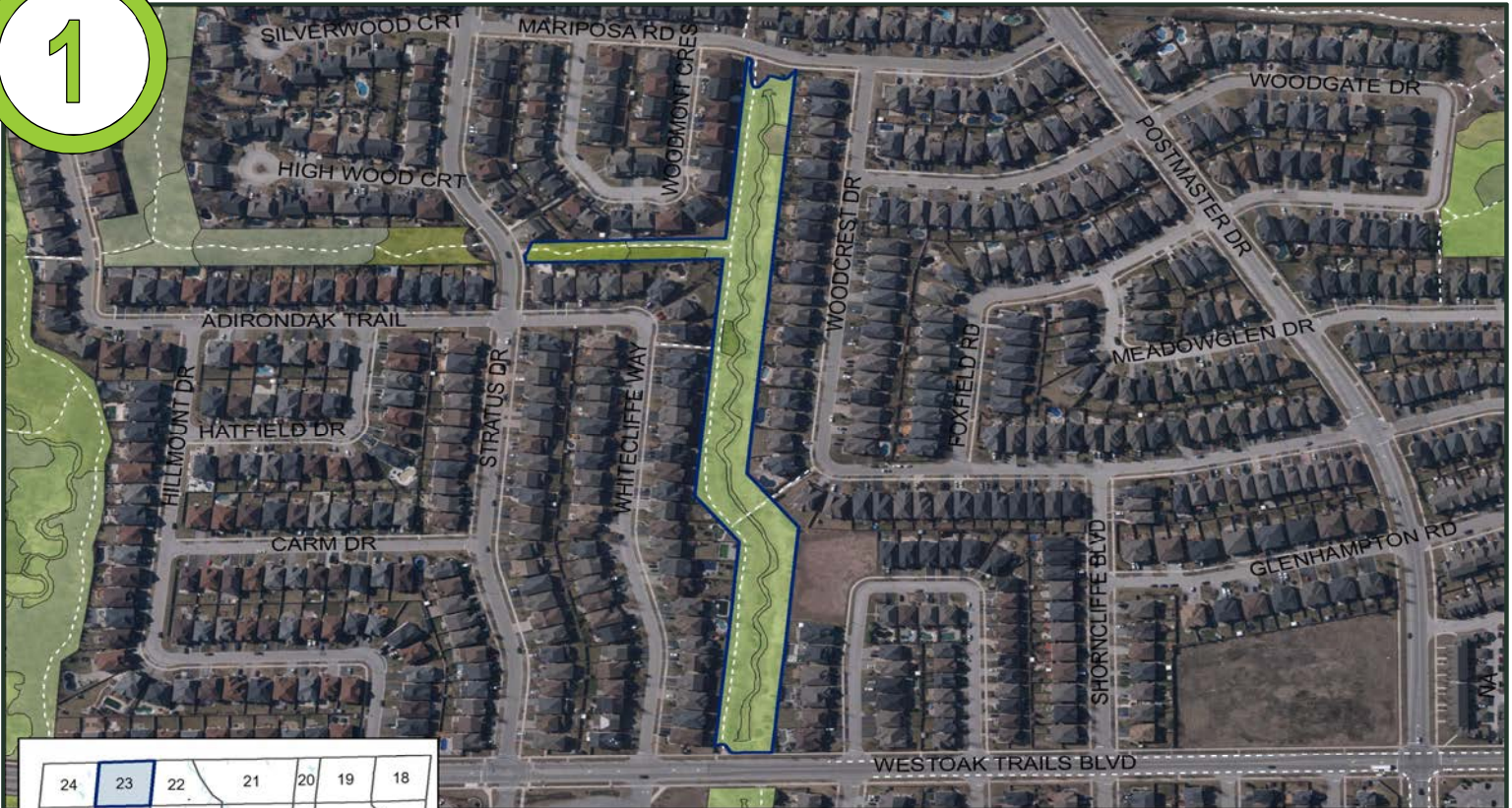
<b>high</b> 	<b>moderate</b> 	<b>moderate</b> 	<b>moderate</b> 	<b>moderate</b> 	<b>low</b> 
buckthorn	garlic mustard	honeysuckle	phragmites	purple loosestrife	bindweed

Other species present wild grape (low)

# Arbourview Trail

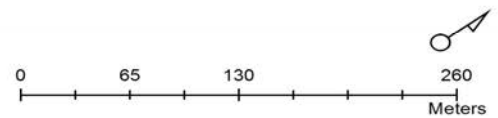
Woodland is healthy with no obvious forest health issues

1



## Arbourview Trail

1.79 hectares



### Forest Health Rating Legend

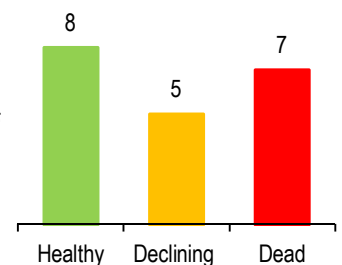
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

### Key findings

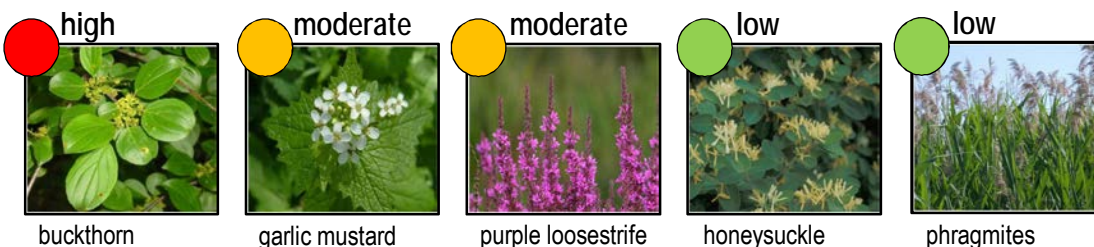
- “ Dutch elm disease present and causing isolated elm mortality.
- “ Minor to severe leaf scorch present on red oak, silver & sugar maple, aspen, and dogwood, in some cases causing premature leaf drop.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 20 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



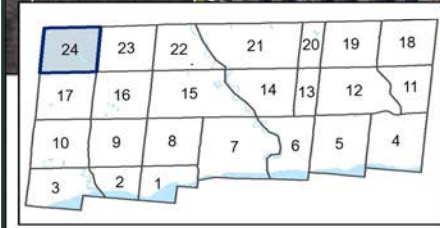
### Invasive plant presence



# Fourteen Mile Creek Trail (1)

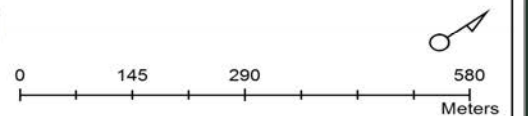
Woodland is healthy with no obvious forest health issues

1



## Fourteen Mile Creek Trail

28.80 hectares



### Forest Health Rating Legend

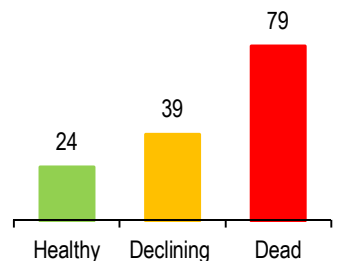
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

### Key findings

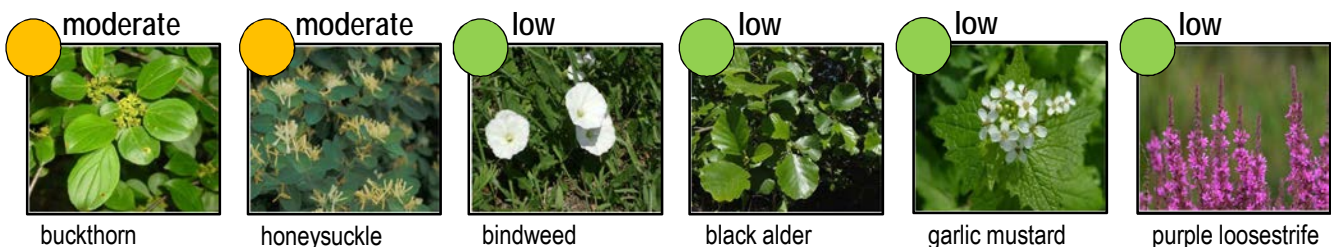
- ~ Moderate to severe defoliation caused by unknown defoliator(s) affecting basswood, hickory, and oak, in some cases causing tree decline.
- ~ Japanese beetle causing defoliation on cherry.
- ~ Eastern tent caterpillar webbing and nest present on few cherry trees.
- ~ Numerous white pines with dead tops likely due to white pine weevil.
- ~ Leaf roller present on numerous mature hickory trees.
- ~ Yard waste dumping present in a few isolated sites throughout woodland.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 142 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



### Invasive plant presence



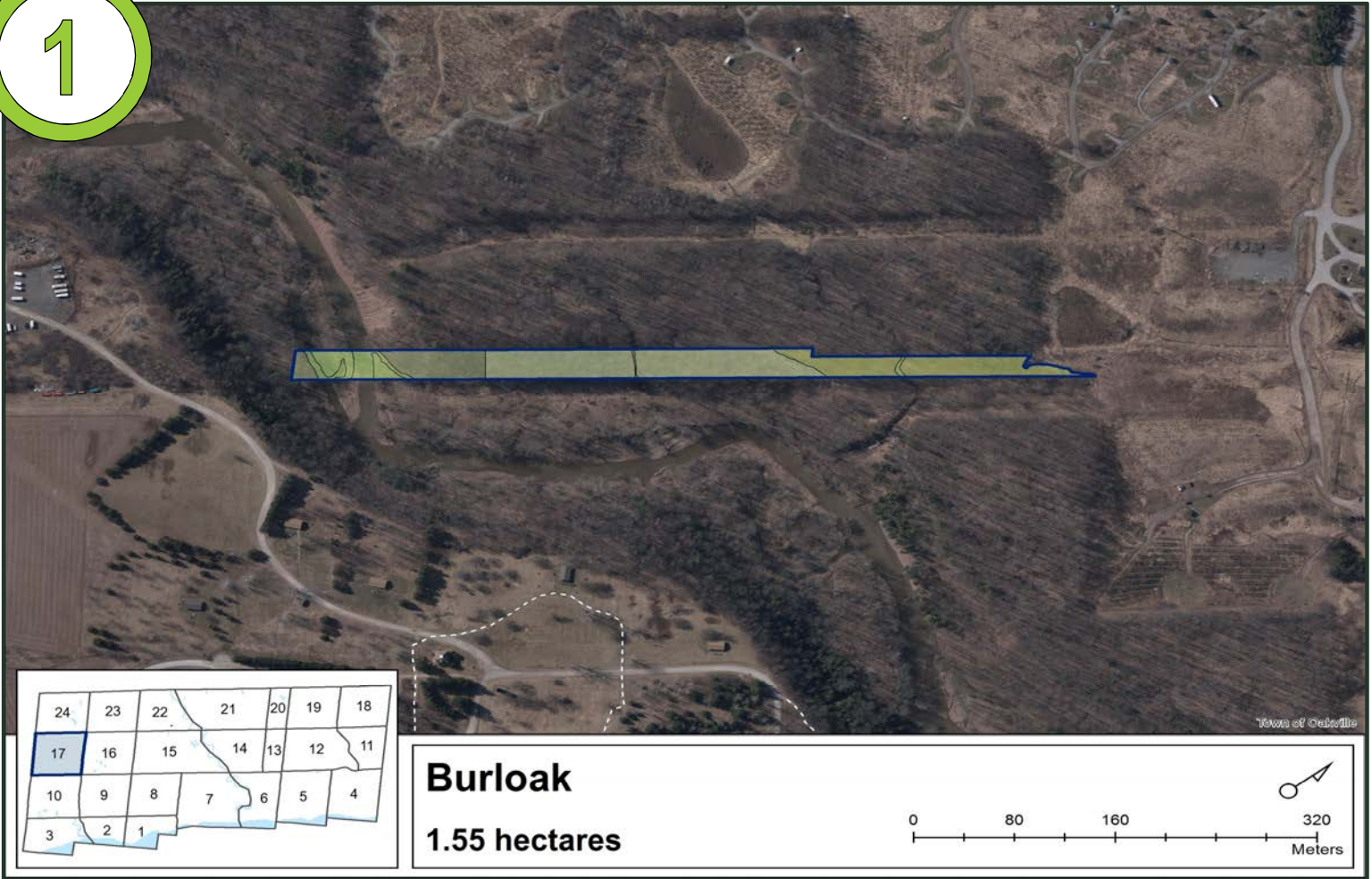
Other species present wild grape (low)



# Burloak

Woodland is healthy with no obvious forest health issues

1



## Forest Health Rating Legend

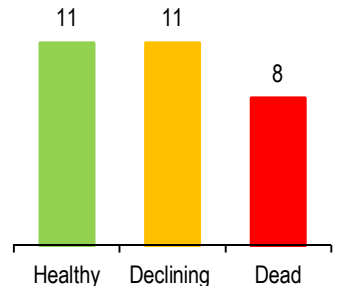
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

## Key findings

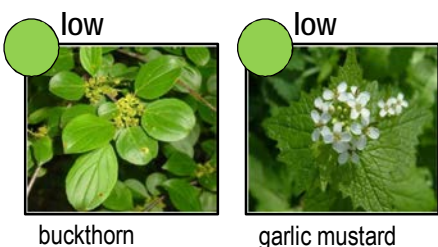
- “ Minor to moderate defoliation caused by unknown defoliator(s) affecting hickory. No insect evidence observed.
- “ There are no abiotic disturbances affecting the health of this woodland.

## Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 30 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



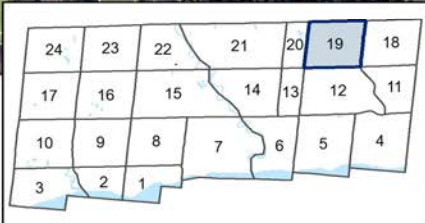
## Invasive plant presence



# Joshua Creek Trail

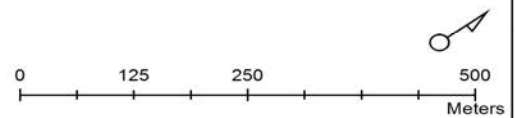
Woodland is moderately healthy; some minor issues but less than 30% tree mortality

**2**



## Joshua Creek Trail

18.55 hectares



### Forest Health Rating Legend

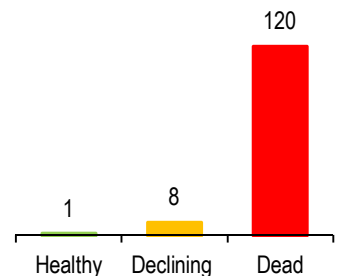
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

### Key findings

- “ Dutch elm disease is affecting numerous white elm trees throughout this woodland and causing elm mortality.
- “ Defoliation by unknown defoliator(s) affecting basswood.
- “ Yard waste dumping observed throughout woodland
- “ Many ash trees in this woodland have been harvested; significant mortality in remaining ash.
- “ Understory is dominated by buckthorn in many areas.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 129 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



### Invasive plant presence

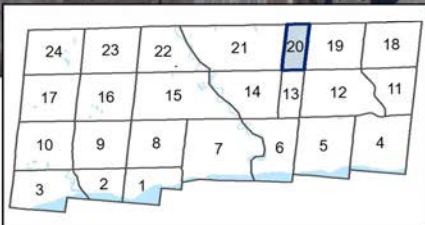
<b>high</b>	<b>moderate</b>	<b>moderate</b>	<b>moderate</b>	<b>moderate</b>	<b>moderate</b>
buckthorn	bindweed	garlic mustard	honeysuckle	phragmites	purple loosestrife

Other species present  
periwinkle (low)  
wild grape (low)

# Morrison Valley North (2)

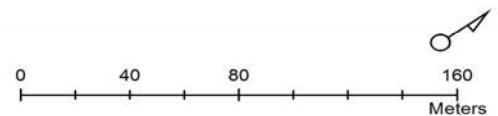
Woodland is moderately healthy; some minor issues but less than 30% tree mortality

2



## Morrison Valley North

2.71 hectares



### Forest Health Rating Legend

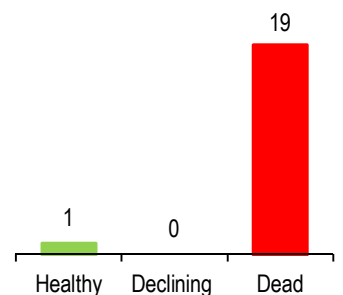
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

### Key findings

- “ The majority of understory is dominated by buckthorn, very little native regeneration.
- “ Significant ash mortality and general decline in many overstory trees.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 20 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



### Invasive plant presence

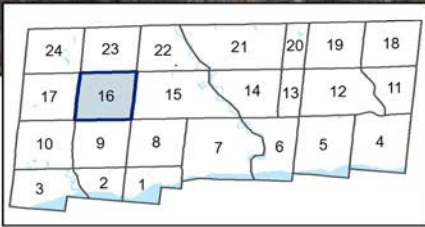
<b>high</b>	<b>moderate</b>	<b>moderate</b>	<b>moderate</b>	<b>moderate</b>	<b>moderate</b>
buckthorn	garlic mustard	honeysuckle	Japanese knotweed	purple loosestrife	wild grape

Other species present phragmites (low)

# Fourteen Mile Creek Trail (2)

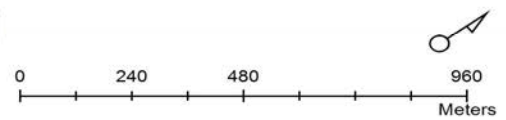
Woodland is moderately healthy; some minor issues but less than 30% tree mortality

2



## Fourteen Mile Creek Trail

81.02 hectares



### Forest Health Rating Legend

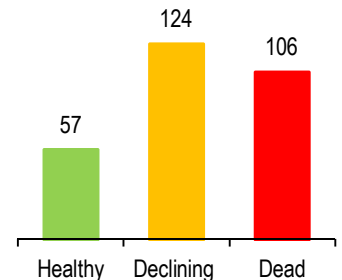
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

### Key findings

- ~ Dutch elm disease is affecting numerous white elm trees throughout this woodland and causing elm mortality.
- ~ Defoliation caused by unknown defoliator(s) affecting red & bur oak, basswood, and hickory.
- ~ Low population of beech scale observed on American beech.
- ~ Small pocket of hypoxylon canker causing decline in trembling aspen.
- ~ Yard waste dumping observed throughout woodland.
- ~ Sugar maples showing signs of drought stress.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 287 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



### Invasive plant presence

<b>high</b>	<b>moderate</b>	<b>moderate</b>	<b>moderate</b>	<b>low</b>	<b>low</b>
buckthorn	coltsfoot	garlic mustard	honeysuckle	dog-strangling vine	winged euonymus

Other species present  
purple loosestrife (low)  
wild grape (low)

# Fiskin Property

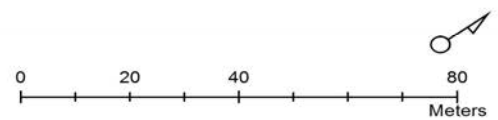
Woodland is moderately healthy; some minor issues but less than 30% tree mortality

2



## Fiskin Property

0.32 hectares



### Forest Health Rating Legend

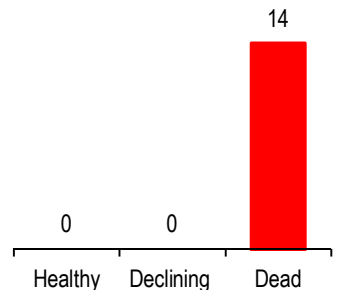
- 1 Healthy; no obvious forest health issues
- 2 Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3 Health is affected by obvious forest health issues; greater than 30% tree mortality

### Key findings





- “ Moderate to severe decline and defoliation observed in few Manitoba maples.
- “ Moderate to severe dieback observed in few cherry trees.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 14 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



### Invasive plant presence

low 	low 	low 	low 
buckthorn	garlic mustard	purple loosestrife	wild grape

# Nipigon Trail (1)

Woodland is moderately healthy; some minor issues but less than 30% tree mortality

2



## Nipigon Trail

4.40 hectares

### Forest Health Rating Legend

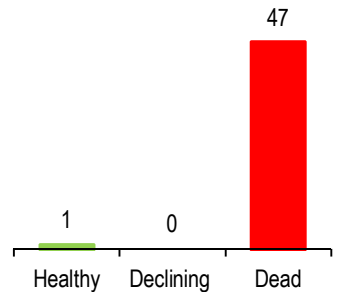
- 1 Healthy; no obvious forest health issues
- 2 Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3 Health is affected by obvious forest health issues; greater than 30% tree mortality

### Key findings

- “ Defoliation caused by unknown defoliator(s) affecting white elm and basswood.
- “ Dieback and mortality observed in willow trees along creek.
- “ Yard waste dumping prevalent throughout woodland.
- “ Various deciduous species showing signs of drought stress.
- “ Some ash trees have been harvested.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 48 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



### Invasive plant presence

moderate <p>buckthorn</p>	moderate <p>garlic mustard</p>	moderate <p>honeysuckle</p>	moderate <p>periwinkle</p>	low <p>phragmites</p>	low <p>wild grape</p>
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Other species present winged euonymus (low)

# Nipigon Trail (2)

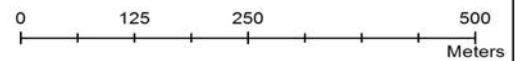
Woodland is moderately healthy; some minor issues but less than 30% tree mortality

2



## Nipigon Trail

10.60 hectares



### Forest Health Rating Legend

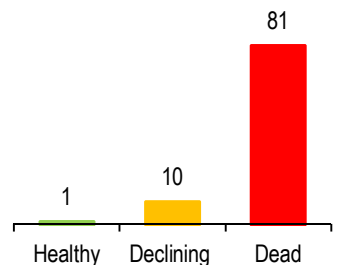
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

### Key findings

- “ Dutch elm disease affecting numerous white elm trees, causing decline and mortality throughout woodland.
- “ Defoliation caused by unknown defoliator(s) affecting various deciduous species, especially hickory and oak.
- “ Dieback observed in mature willow trees along creek.
- “ Various deciduous species showing signs of drought stress.
- “ Yard waste dumping throughout woodland.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 92 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



### Invasive plant presence

<p><b>high</b></p> <p>buckthorn</p>	<p><b>moderate</b></p> <p>English ivy</p>	<p><b>moderate</b></p> <p>garlic mustard</p>	<p><b>moderate</b></p> <p>honeysuckle</p>	<p><b>moderate</b></p> <p>periwinkle</p>	<p><b>moderate</b></p> <p>purple loosestrife</p>	<p>Other species present bindweed (low) wild grape (low) winged euonymus (low)</p>
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# Wildwoods Park

Woodland is moderately healthy; some minor issues but less than 30% tree mortality

**2**



## Forest Health Rating Legend

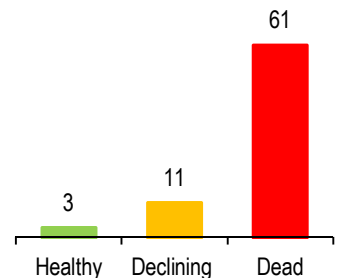
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

## Key findings

- Defoliation caused by unknown defoliator(s) affecting various deciduous species, especially basswood, red oak, hawthorn, and Manitoba maples.
- Beech scale present in low populations on American beech.
- Strong winds have caused blowdown in small pockets.
- Significant invasion of giant hogweed along riverbank.

## Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 75 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



## Invasive plant presence

<p>moderate</p> <p>buckthorn</p>	<p>moderate</p> <p>coltsfoot</p>	<p>moderate</p> <p>garlic mustard</p>	<p>moderate</p> <p>giant hogweed</p>	<p>low</p> <p>bindweed</p>	<p>low</p> <p>dog strangling vine</p>
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Other species present  
honeysuckle  
Japanese knotweed  
purple loosestrife  
wild grape



# Sixteen Mile Creek Trail North

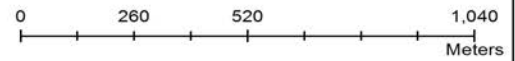
**2**

Woodland is moderately healthy; some minor issues but less than 30% tree mortality



## Sixteen Mile Creek Trail North

111.06 hectares



### Forest Health Rating Legend

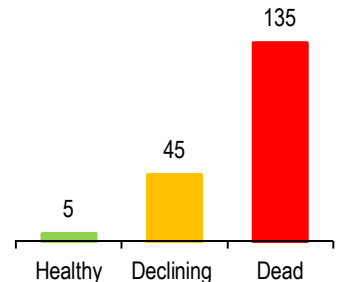
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

### Key findings

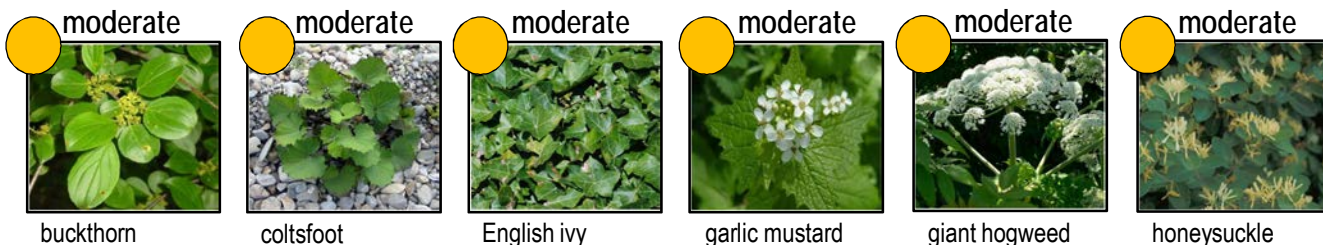
- ~ Gypsy moth egg masses on numerous deciduous species.
- ~ Beech scale present at trace levels on American beech.
- ~ Dutch elm disease decline/mortality scattered throughout woodland.
- ~ Dieback and some mortality observed in large Siberian elms.
- ~ Defoliation caused by unknown defoliator(s) observed on various species, especially ironwood, maple, basswood, oak, and hickory.
- ~ Yard waste dumping prevalent throughout woodland.
- ~ Many deciduous species showing signs of drought stress.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 185 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



### Invasive plant presence



Other species present  
 bindweed (low)  
 periwinkle (low)  
 phragmites (low)  
 purple loosestrife (moderate)  
 wild grape (moderate)



# Glen Oak Creek Trail South

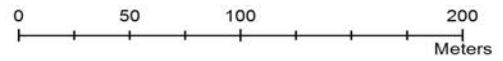
Woodland is moderately healthy; some minor issues but less than 30% tree mortality

2



## Glen Oak Creek Trail South

2.18 hectares



### Forest Health Rating Legend

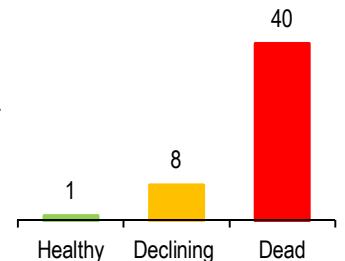
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

### Key findings

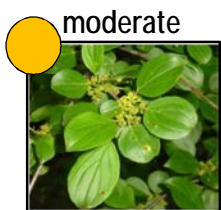
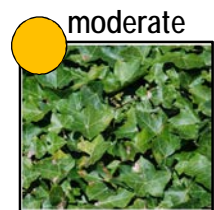
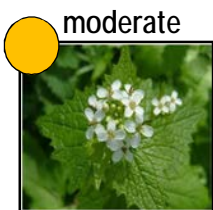
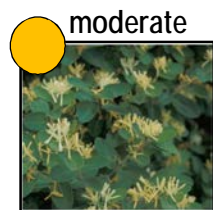
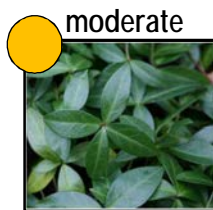
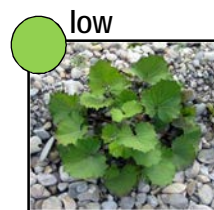
- “ Minor to moderate defoliation caused by unknown defoliator(s) affecting basswood and red oak throughout woodland.
- “ Dutch elm disease present and causing white elm mortality.
- “ Yard waste dumping sites scattered throughout woodland.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 49 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



### Invasive plant presence

 moderate	 moderate	 moderate	 moderate	 moderate	 low
buckthorn	English ivy	garlic mustard	honeysuckle	periwinkle	coltsfoot

Other species present  
wild grape (low)  
winged euonymus (low)

# Glen Abbey Woods

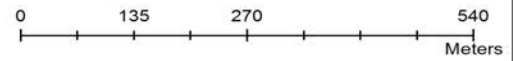
Woodland is moderately healthy; some minor issues but less than 30% tree mortality

2



## Glen Abbey Woods

25.83 hectares



### Forest Health Rating Legend

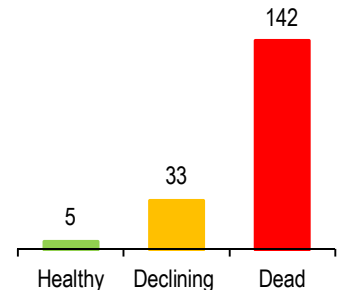
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

### Key findings

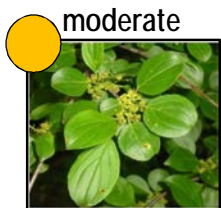
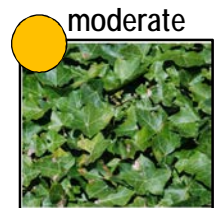
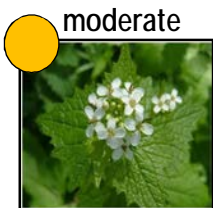
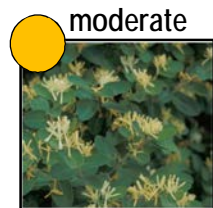


- ~ Beech scale present in trace populations on American beech trees.
- ~ Minor gypsy moth feeding on oak foliage; egg masses and caterpillars present.
- ~ European elm scale observed in low populations on few white elm trees.
- ~ Dutch elm disease causing mortality and decline in white elm throughout woodland.
- ~ Pockets of chlorotic sugar maples, some trees with numerous dead branches.
- ~ Minor to moderate defoliation caused by unknown defoliator(s) affecting basswood and hickory.
- ~ Yard waste dumping scattered throughout woodland.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 180 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



### Invasive plant presence

 moderate	 moderate	 moderate	 moderate	 low	 low
buckthorn	English ivy	garlic mustard	honeysuckle	periwinkle	phragmites

Other species present  
purple loosestrife (low)  
wild grape (low)

# Indian Ridge Trail

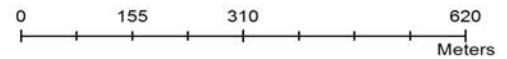
2

Woodland is moderately healthy; some minor issues but less than 30% tree mortality



## Indian Ridge Trail

16.89 hectares



### Forest Health Rating Legend

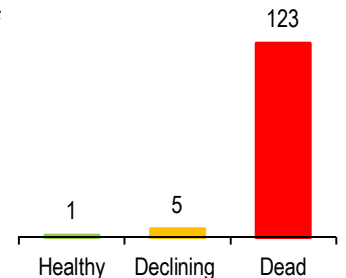
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

### Key findings

- “ Buckthorn dominates the understory in many areas.
- “ Yard waste dumping is present throughout the woodland.
- “ Dutch elm disease is widespread throughout woodland, affecting white elm trees causing mortality and decline; elm leaf miner also present in few Scots elm trees causing foliage discoloration.
- “ Pockets of dead ash at east and west ends of woodland.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 129 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



### Invasive plant presence

<b>high</b>	<b>moderate</b>	<b>moderate</b>	<b>moderate</b>	<b>low</b>	<b>low</b>
buckthorn	bindweed	garlic mustard	honeysuckle	periwinkle	wild grape

Other species present  
winged euonymus (low)

# Taplow Creek Trail

Woodland is moderately healthy; some minor issues but less than 30% tree mortality

2



## Taplow Creek Trail

1.28 hectares

### Forest Health Rating Legend

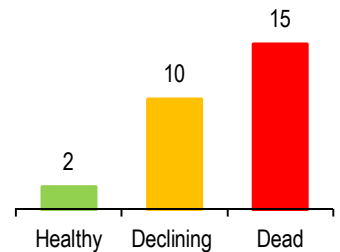
- 1 Healthy; no obvious forest health issues
- 2 Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3 Health is affected by obvious forest health issues; greater than 30% tree mortality

### Key findings

- “ Tree canopy in general decline throughout woodland due to drought stress and emerald ash borer.
- “ Few isolated occurrences of yard waste dumping throughout woodland.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 27 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



### Invasive plant presence

moderate  black alder	moderate  buckthorn	moderate  honeysuckle	moderate  purple loosestrife	low  garlic mustard	low  wild grape
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# The Parkway (3)

Woodland is moderately healthy; some minor issues but less than 30% tree mortality

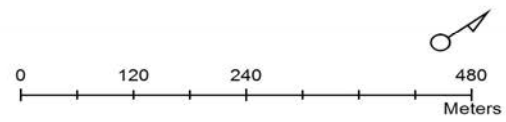
2



24	23	22	21	20	19	18
17	16	15	14	13	12	11
10	9	8	7	6	5	4
3	2	1				

## The Parkway

31.69 hectares



### Forest Health Rating Legend

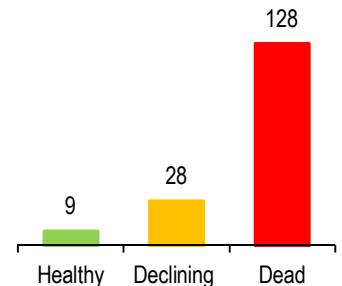
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

### Key findings

- “ Defoliation caused by unknown defoliator(s) affecting basswood and red oak.
- “ Dutch elm disease present and causing elm decline and mortality.
- “ European elm scale present on few white elm trees.
- “ Understory dominated by buckthorn seedlings; minimal native regeneration.
- “ Some pockets of severe ash mortality.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 165 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



### Invasive plant presence

<b>high</b>	<b>moderate</b>	<b>moderate</b>	<b>moderate</b>	<b>moderate</b>	<b>moderate</b>
buckthorn	bindweed	coltsfoot	garlic mustard	honeysuckle	Japanese knotweed

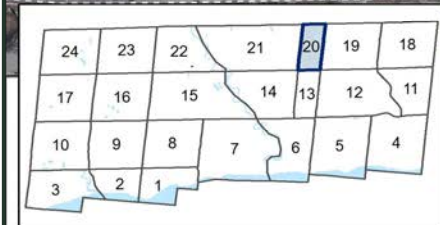
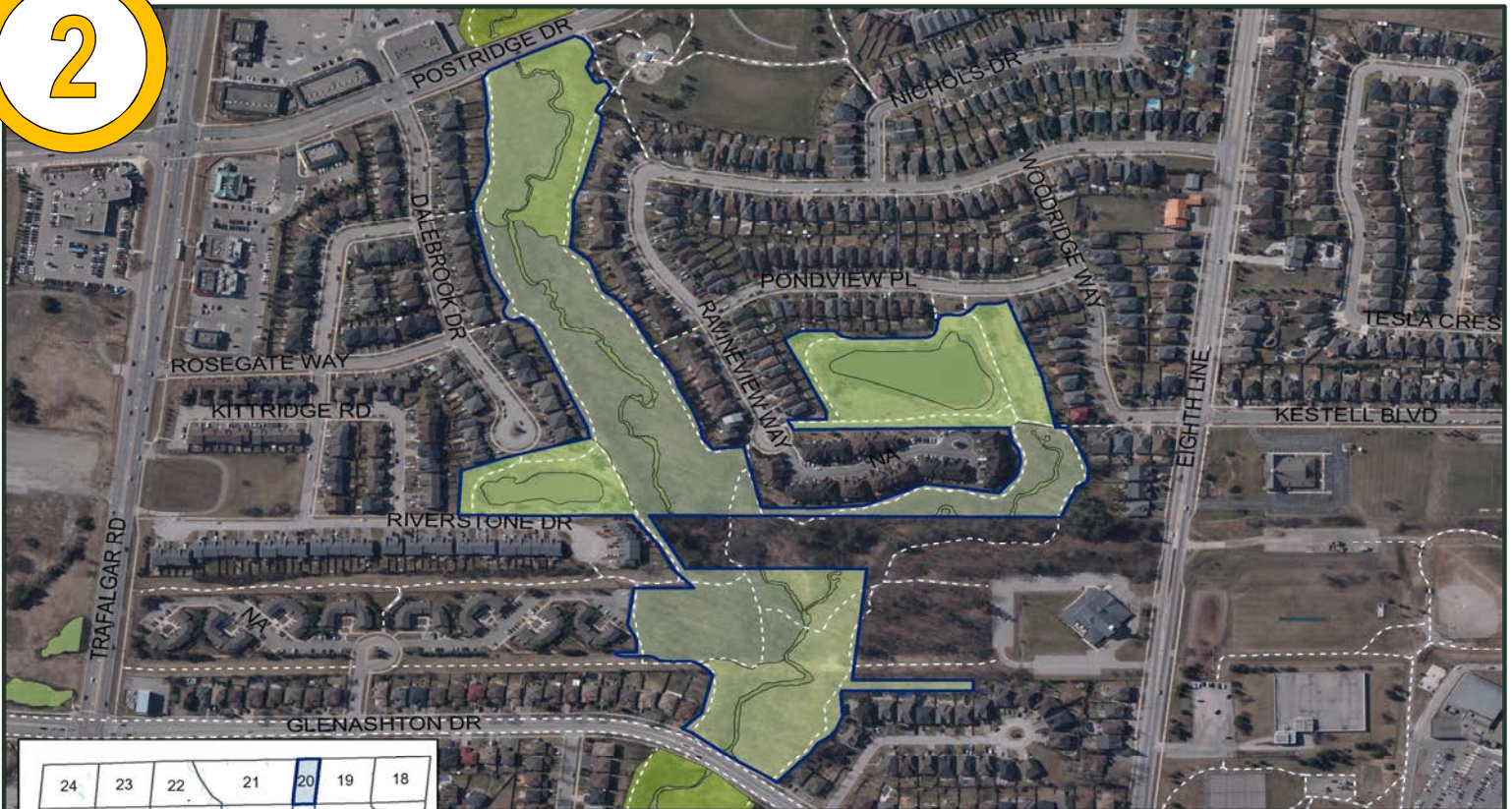
Other species present  
 phragmites (moderate)  
 black alder (low)  
 purple loosestrife (low)  
 Russian olive (low)



# Morrison Valley North (3)

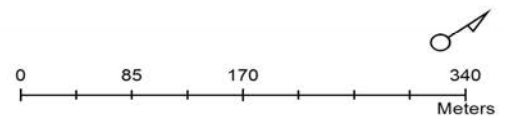
Woodland is moderately healthy; some minor issues but less than 30% tree mortality

2



## Morrison Valley North

9.63 hectares



### Forest Health Rating Legend

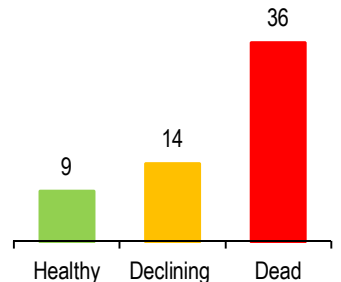
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

### Key findings

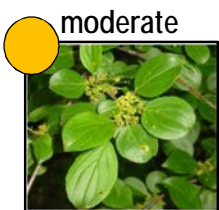
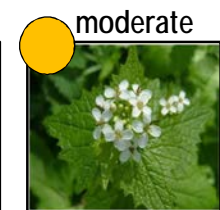
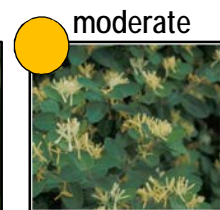
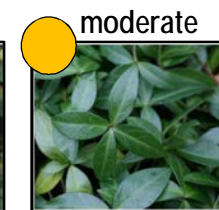
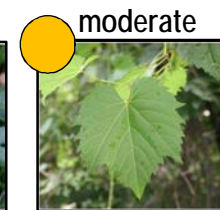

- ~ Dutch elm disease present throughout woodland causing decline and mortality in numerous white elms.
- ~ Defoliation caused by unknown defoliator(s) affecting red oak, hickory, and basswood.
- ~ Yard waste dumping present throughout woodland.
- ~ Numerous deciduous species showing signs of drought stress.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 59 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



### Invasive plant presence

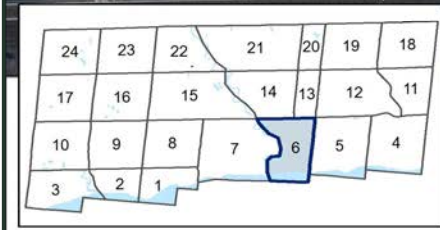
 moderate	 moderate	 moderate	 moderate	 moderate	 low
buckthorn	garlic mustard	honeysuckle	periwinkle	wild grape	English ivy

Other species present  
phragmites (low)  
winged euonymus (low)

# Sixteen Mile Creek South (2)

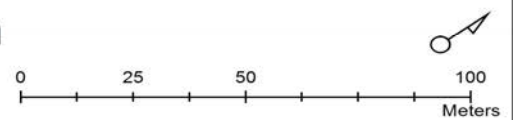
Woodland is moderately healthy; some minor issues but less than 30% tree mortality

2



## Sixteen Mile Creek South

0.71 hectares



### Forest Health Rating Legend

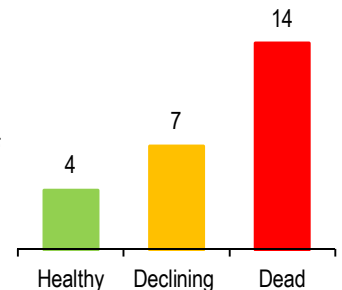
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

### Key findings

- “ Maple decline observed on numerous trees throughout woodland; defoliation and dieback especially noticeable on Manitoba and silver maples.
- “ Red oaks are affected by chlorosis and dieback.
- “ Basswood showing signs of leaf scorch.
- “ Bluff is eroding.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 25 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



### Invasive plant presence

moderate <p>buckthorn</p>	moderate <p>coltsfoot</p>	moderate <p>honeysuckle</p>	low <p>phragmites</p>
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# Sixteen Mile Creek South (3)

Woodland is moderately healthy; some minor issues but less than 30% tree mortality

2



## Forest Health Rating Legend

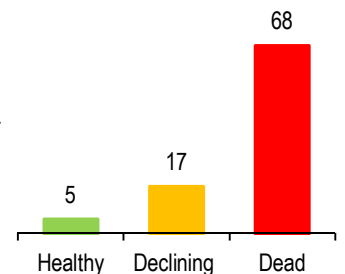
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

## Key findings

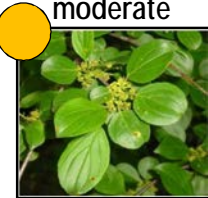
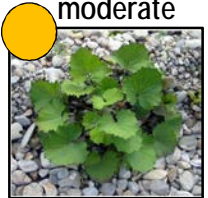
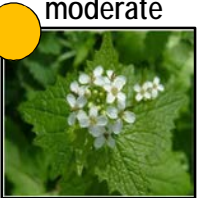
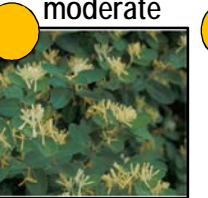
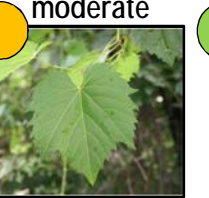

- “ Beech scale present in trace amounts on American beech.
- “ Defoliation caused by unknown defoliator(s) observed on various deciduous species (esp. basswood, red oak); some Manitoba maples are heavily defoliated.
- “ Yard waste dumping present in a few scattered pockets throughout woodland.

## Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 90 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



## Invasive plant presence

 moderate	 moderate	 moderate	 moderate	 moderate	 low
buckthorn	coltsfoot	garlic mustard	honeysuckle	wild grape	giant hogweed

Other species present  
bindweed  
Japanese knotweed  
phragmites  
purple loosestrife

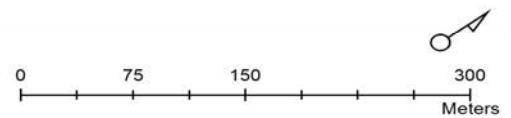
# Saw Whet

Woodland is moderately healthy; some minor issues but less than 30% tree mortality

2



**Saw Whet**  
1.11 hectares



## Forest Health Rating Legend

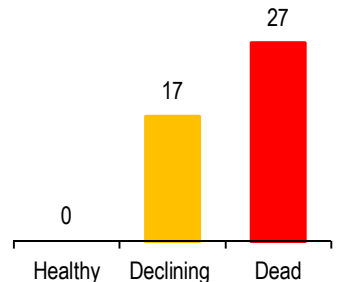
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

## Key findings

- “ Minor defoliation affecting red and bur oaks. Likely caused by gypsy moth, however no insects were observed.
- “ Various deciduous species showing signs of drought stress.

## Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 44 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



## Invasive plant presence

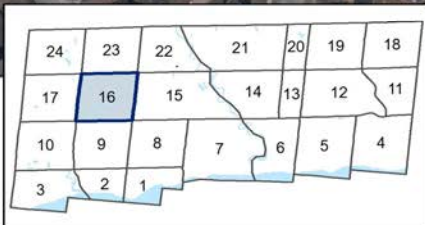
<b>high</b>	<b>moderate</b>	<b>low</b>	<b>low</b>
buckthorn	honeysuckle	garlic mustard	wild grape

Other species present

# Merchants Trail (1)

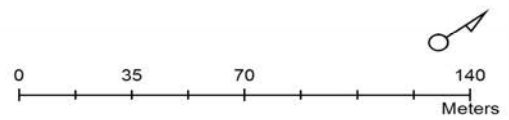
Woodland is moderately healthy; some minor issues but less than 30% tree mortality

2



## Merchants Trail

0.85 hectares



### Forest Health Rating Legend

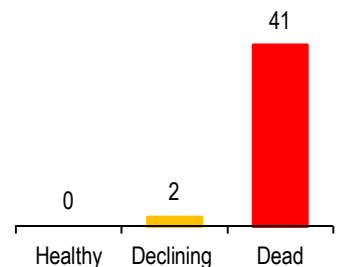
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

### Key findings

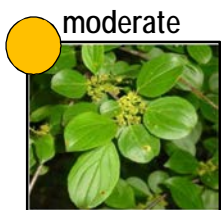
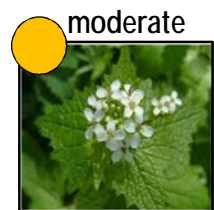
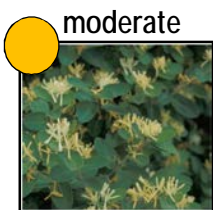
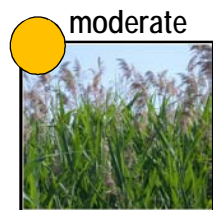
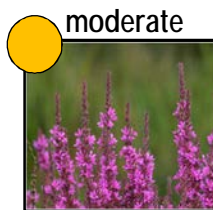

- “ Hypoxylon canker on trembling aspen causing decline and mortality. Leaf scorch also present on trembling aspen.
- “ Sugar maples showing signs of drought stress.
- “ Significant ash mortality, but other dominant tree species are mostly healthy.
- “ Thin and chlorotic foliage on pin oaks, likely due to site-related issue.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 43 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



### Invasive plant presence

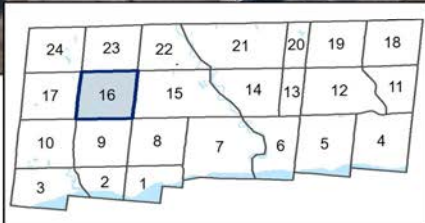
 moderate	 moderate	 moderate	 moderate	 moderate	 low
buckthorn	garlic mustard	honeysuckle	phragmites	purple loosestrife	bindweed

Other species present  
English ivy (low)

# Merchants Trail (2)

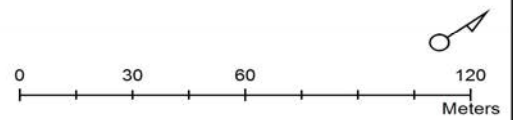
Woodland is moderately healthy; some minor issues but less than 30% tree mortality

2



## Merchants Trail

0.73 hectares



### Forest Health Rating Legend

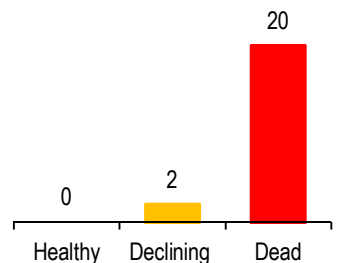
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

### Key findings

- “ A small pocket of Dutch elm disease is present and causing isolated elm mortality.
- “ Sugar maples are showing signs of drought stress.
- “ Yard waste dumping is present in a few locations.
- “ Ash mortality mostly intermediate trees.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 22 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



### Invasive plant presence

moderate <p>buckthorn</p>	moderate <p>garlic mustard</p>	moderate <p>periwinkle</p>	moderate <p>purple loosestrife</p>	moderate <p>Russian olive</p>	low <p>bindweed</p>
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Other species present  
honeysuckle (low)  
phragmites (low)

# Merchants Trail (3)

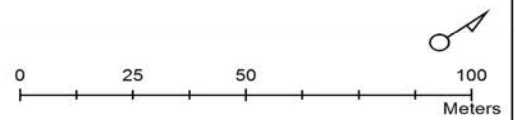
Woodland is moderately healthy; some minor issues but less than 30% tree mortality

2



## Merchants Trail

0.52 hectares



### Forest Health Rating Legend

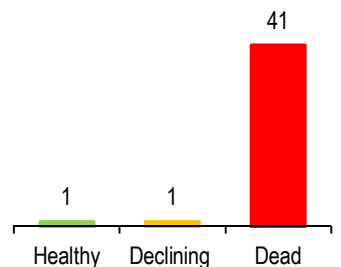
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

### Key findings

- " Ash mortality due to emerald ash borer; remaining canopy species are healthy.
- " Some ash trees have been harvested due to emerald ash borer.
- " Other than emerald ash borer, there are no biotic disturbances affecting the health of this woodland.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 43 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



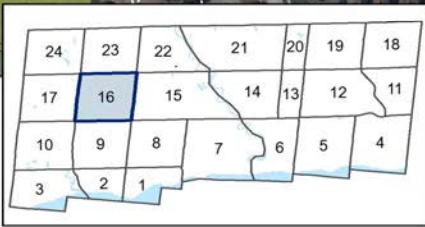
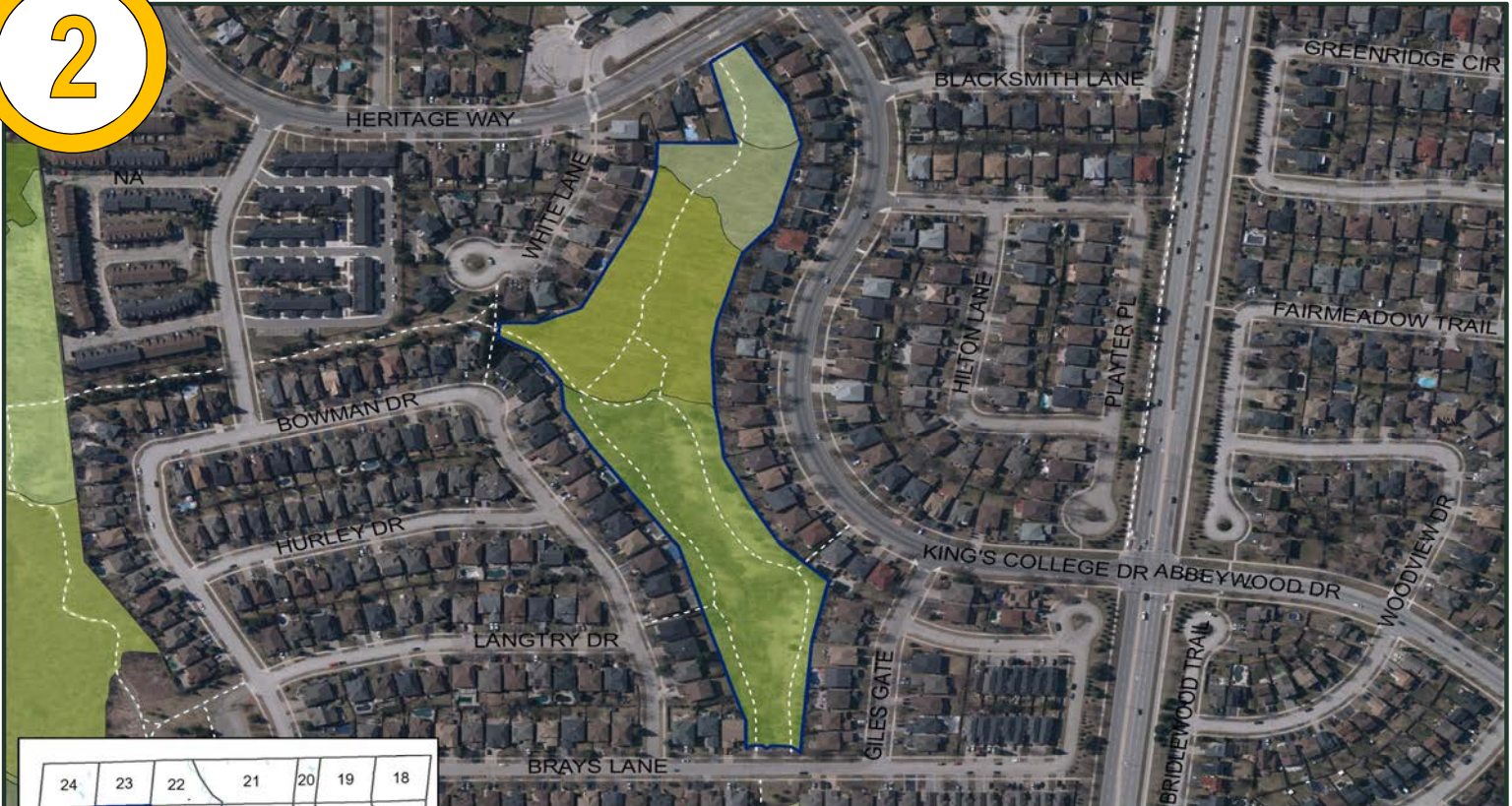
### Invasive plant presence

moderate <p>buckthorn</p>	moderate <p>garlic mustard</p>	moderate <p>purple loosestrife</p>	low <p>bindweed</p>	low <p>Russian olive</p>
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# Brays Trail

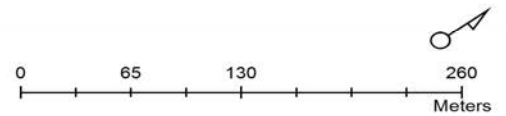
Woodland is moderately healthy; some minor issues but less than 30% tree mortality

2



## Brays Trail

3.49 hectares



### Forest Health Rating Legend

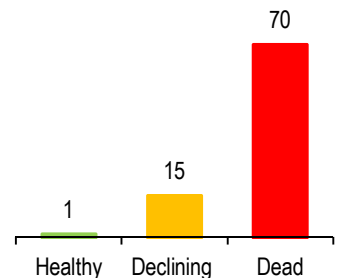
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

### Key findings

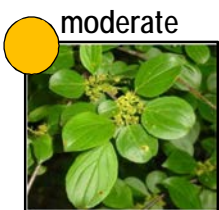
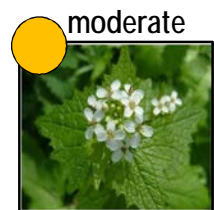
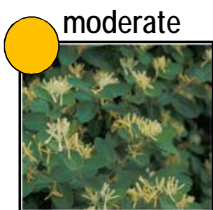
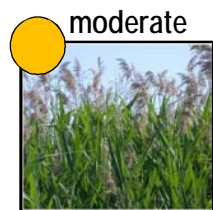
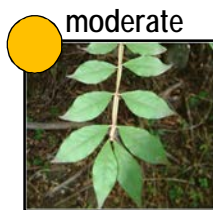

- “ Signs of drought stress apparent on sugar and silver maples.
- “ Yard waste dumping present in isolated pockets.
- “ Minor gypsy moth feeding on red, white, and pin oaks.
- “ Minor defoliation caused by unknown defoliator(s) affecting basswood and hickory.
- “ Dutch elm disease present, causing isolated elm mortality.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 86 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



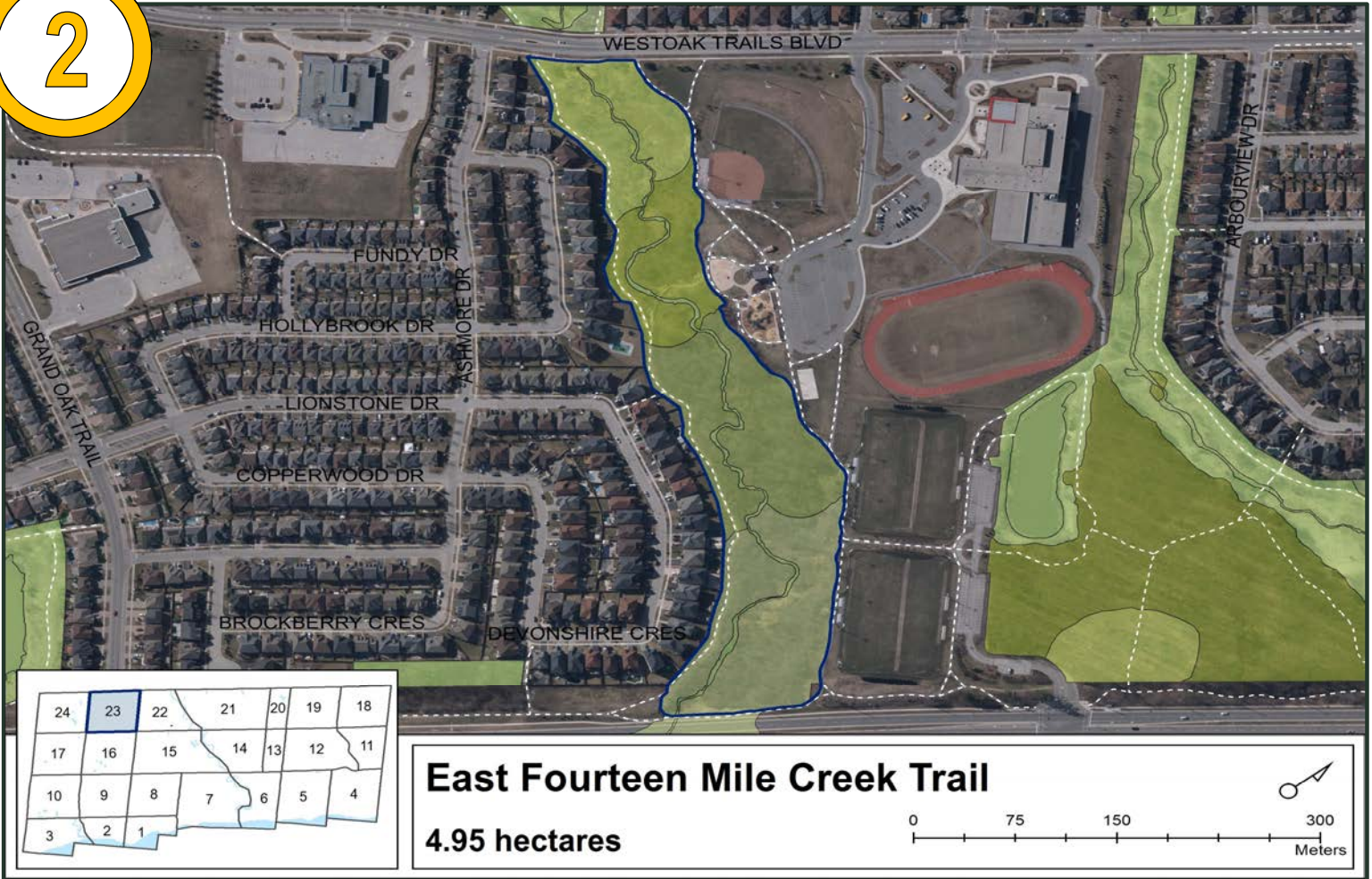
### Invasive plant presence

 moderate	 moderate	 moderate	 moderate	 moderate	 low
buckthorn	garlic mustard	honeysuckle	phragmites	winged euonymus	periwinkle

# East Fourteen Mile Creek Trail

Woodland is moderately healthy; some minor issues but less than 30% tree mortality

2



## Forest Health Rating Legend

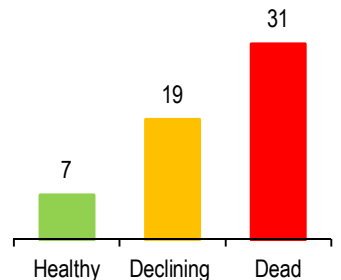
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

## Key findings

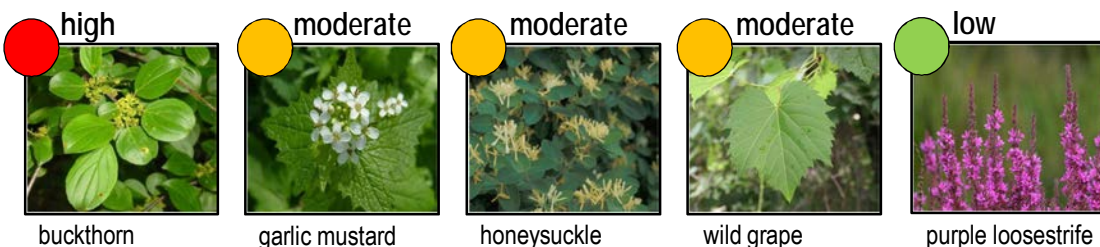
- “ European elm scale observed in low populations on white and rock elms. Drought stress causing young tree mortality.
- “ Branch dieback and defoliation observed on oak trees; likely due to gypsy moth, however no insects observed.
- “ Minor to severe defoliation caused by unknown defoliator(s) affecting majority of basswood.
- “ Dieback observed in willow trees along creek.

## Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 57 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



## Invasive plant presence



# Fourteen Mile Creek Trail (3)

Woodland is moderately healthy; some minor issues but less than 30% tree mortality

2



## Forest Health Rating Legend

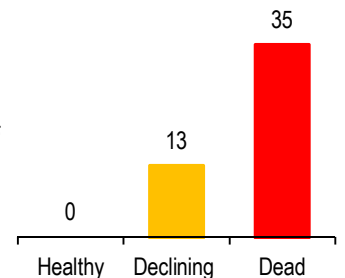
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

## Key findings



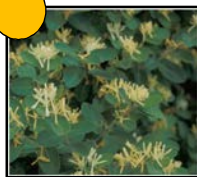



- “ Numerous deciduous species showing signs of drought stress, especially young sugar maples and cherry trees.
- “ Pockets of overall tree health decline, likely due to changes in surrounding site conditions (construction).
- “ Minor to severe defoliation caused by unknown defoliator(s) affecting hickory.

## Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 48 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



## Invasive plant presence

 moderate	 moderate	 moderate	 moderate	 moderate	 low
buckthorn	garlic mustard	honeysuckle	phragmites	wild grape	Japanese knotweed



# Shannon Creek Trail South (4)

Woodland is affected by obvious forest health issues; greater than 30% tree mortality

**3**



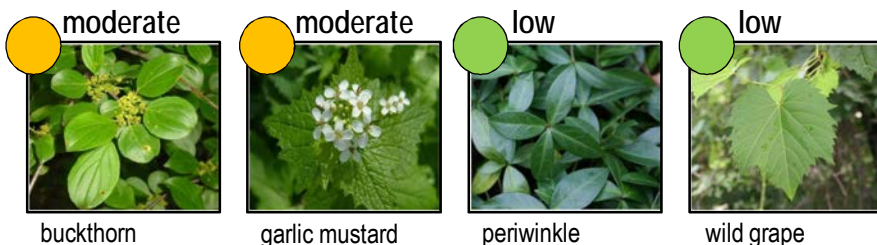
## Forest Health Rating Legend

- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

## Key findings

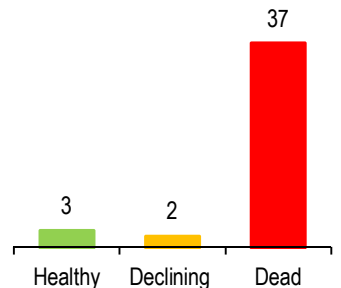
- “ Yard waste dumping present in isolated pockets throughout woodland.
- “ Significant component of overstory (ash) has been harvested due to emerald ash borer. Some dead ash remaining.
- “ Buckthorn management efforts underway.
- “ Moderate defoliation affecting oak and hickory; likely caused by gypsy moth, however no insects observed.

## Invasive plant presence



## Ash mortality update

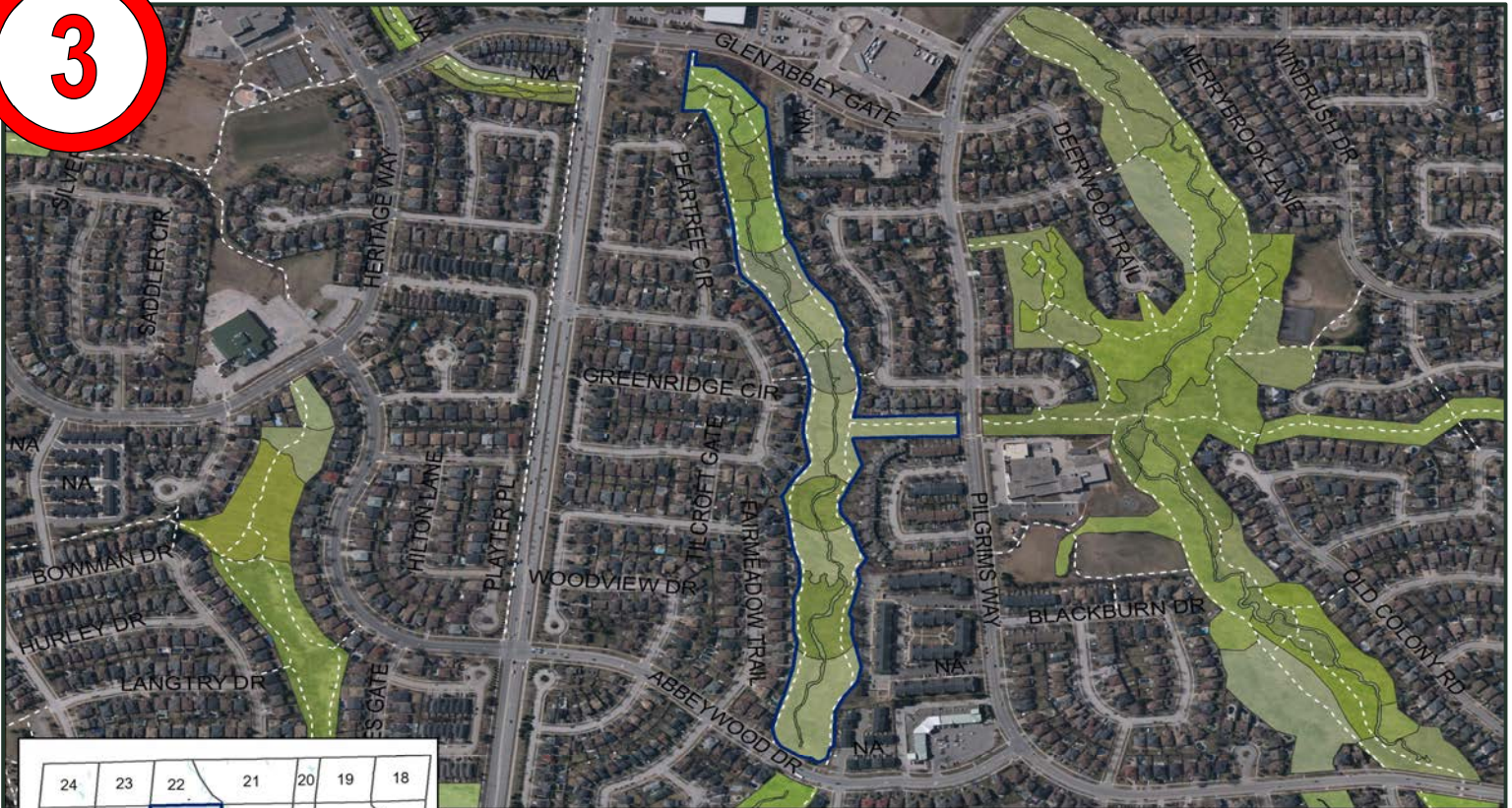
Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 42 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



# Glen Abbey Trail

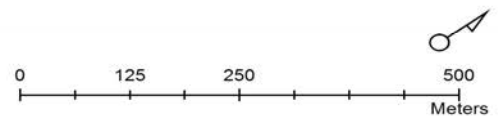
**3**

Woodland health is affected by obvious forest health issues; greater than 30% mortality



## Glen Abbey Trail

6.77 hectares



### Forest Health Rating Legend

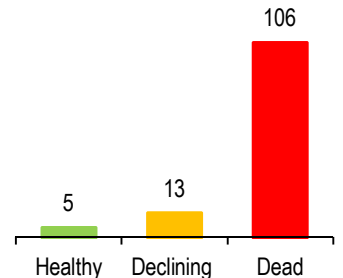
- 1** Healthy; no obvious forest health issues
- 2** Moderately healthy; some minor forest health issues but less than 30% tree mortality
- 3** Health is affected by obvious forest health issues; greater than 30% tree mortality

### Key findings

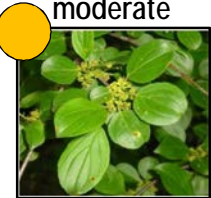
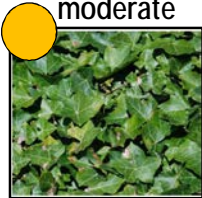
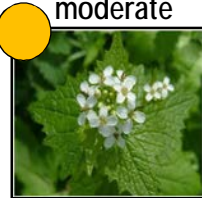
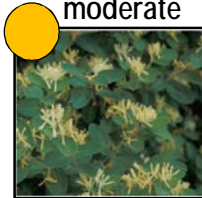
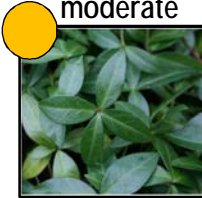
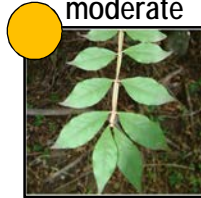
- “ Dutch elm disease present and causing elm decline in isolated pockets throughout woodland.
- “ Defoliation caused by unknown defoliator(s) affecting basswood, black walnut, and sugar maples.
- “ Yard waste dumping prevalent throughout woodland.
- “ Significant ash mortality throughout woodland due to emerald ash borer.

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 124 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



### Invasive plant presence

 moderate	 moderate	 moderate	 moderate	 moderate	 moderate
buckthorn	English ivy	garlic mustard	honeysuckle	periwinkle	winged euonymus

Other species present wild grape (low)