

## **Sheridan Hills Park**

Woodland is healthy with no obvious forest health issues



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

Key findings

· No abiotic or biotic disturbances observed

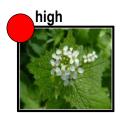
Moderately healthy; some minor forest health issues but less than 30% tree mortality

**3** Health is affected by obvious forest health issues; greater than 30% tree mortality

## Ash mortality update

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





garlic mustard

buckthorn



0

Dead



## Sheridan Hills Park

Woodland is healthy with no obvious forest health issues



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

Moderately healthy; some minor forest health issues but less than 30% tree mortality

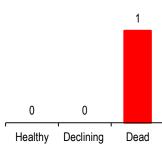
Health is affected by obvious forest health issues; greater than 30% tree mortality

## Key findings

- Tar spot present, affecting Norway maple and causing • moderate to heavy damage
- Anthracnose causing light damage on silver maple
- Low level of understory abiotic disturbance caused by • yard waste dumping

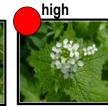
## Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 1 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





garlic mustard

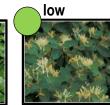
buckthorn

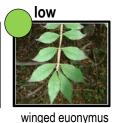
coltsfoot

low

low

English ivy





BioFore

honeysuckle



## **Sheridan Hills Park**

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



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

 $\frac{2}{1}$ 

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

- Anthracnose causing light damage on immature bur oak
  and red oak
- Ash decline and mortality due to EAB
- No abiotic disturbance observed

## 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.

## f 1 0 Healthy Declining Dead

## Invasive plant presence





buckthorn

garlic mustard





## **The Parkway**

Woodland is healthy with no obvious forest health issues



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

Moderately healthy; some minor forest health issues but less than 30% tree mortality

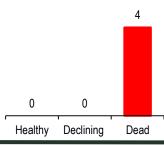
Health is affected by obvious forest health issues; greater than 30% tree mortality

## Key findings

- Low to medium level disturbance in understory due to off-trail trampling and yard waste dumping
- Dutch elm disease causing elm decline and mortality
- Light defoliation caused by gypsy moth, affecting bur oak •

## Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 4 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



buckthorn

moderate

garlic mustard

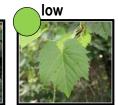


purple loosestrife

moderate



honeysuckle



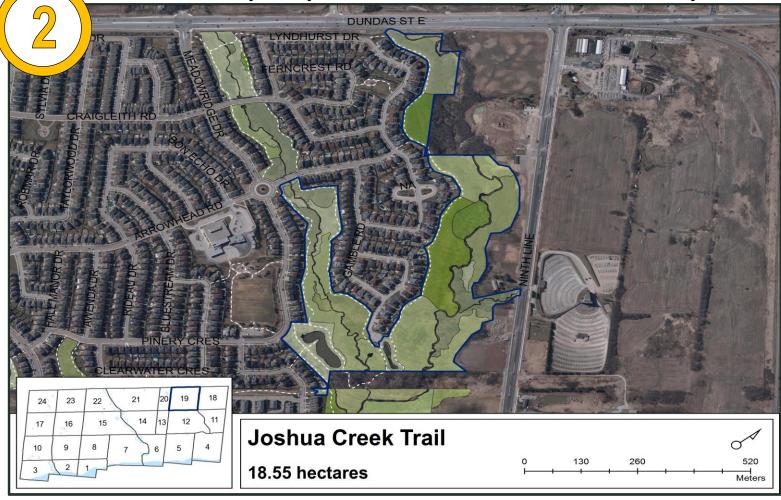
wild grape





## Joshua Creek Trail

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



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

Moderately healthy; some minor forest health issues but less than 30% tree mortality

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

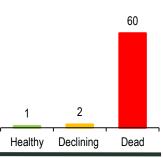
## Key findings

- Light defoliation caused by gypsy moth, affecting bur oak and red oak
- Dutch elm disease causing elm decline and mortality
- Anthracnose causing light damage on silver maple
- Low to medium level of disturbance in understory due to ٠ off-trail trampling, yard waste dumping and encroachment from private property Invasive plant presence

## Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 63 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.

moderate

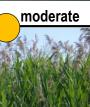
















coltsfoot





BioFores

buckthorn

garlic mustard

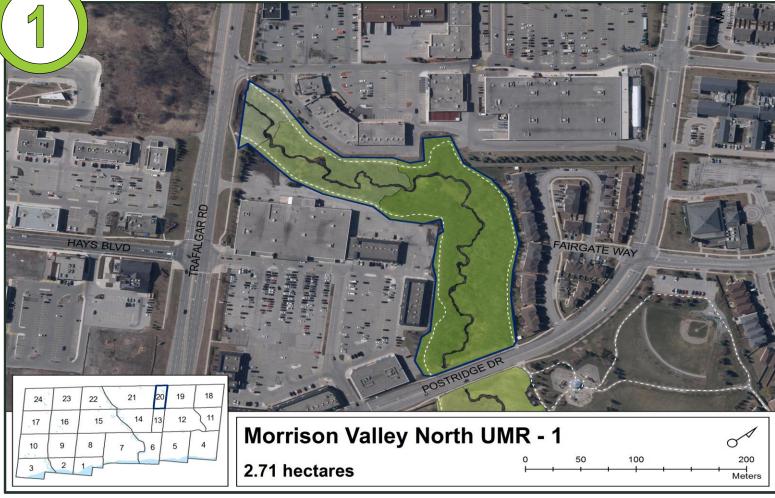
phragmites

purple loosestrife



## **Morrison Valley North**

Woodland is healthy with no obvious forest health issues



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

Moderately healthy; some minor forest health issues but less than 30% tree mortality

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

## **Key findings**

- Light defoliation caused by gypsy moth, affecting bur oak
- Low level of understory disturbance due to off-trail • trampling and yard waste dumping
- Understory dominated by buckthorn •

## Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 0 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.

Healthy	Declining	Dead
0	0	0

### Invasive plant presence





buckthorn

honeysuckle garlic mustard



moderate



Japanese knotweed phragmites

low

low





## **Clear Creek Park**

Woodland is healthy with no obvious forest health issues



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

Moderately healthy; some minor forest health issues but less than 30% tree mortality

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

0

Healthy

0

Declining

## **Key findings**

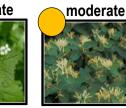
- Trace defoliation caused by gypsy moth, evident on apple, basswood, hawthorn, red oak and white oak
- Anthracnose causing light damage on red oak and sugar maple
- Low level of understory disturbance caused by off-trail ٠ trampling

### Invasive plant presence



# moderate

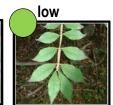
garlic mustard



honeysuckle



periwinkle



Ash mortality update

significantly affected the health of

ash trees in Oakville. A total of 0

ash trees were surveyed in this

EAB to date. The graph

health status.

woodland to assess the impact of

represents each tree's individual

Emerald Ash Borer (EAB) has

winged euonymus



0

Dead

#### buckthorn



## **The Parkway**

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



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

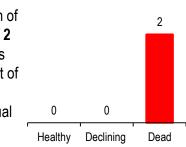
Moderately healthy; some minor forest health issues but less than 30% tree mortality

### **Key findings**

- Light defoliation caused by gypsy moth, affecting bur oak
- Dutch elm disease causing elm decline and mortality
- No abiotic disturbance observed

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 2 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



Health is affected by obvious forest health

issues; greater than 30% tree mortality

### Invasive plant presence



buckthorn

# moderate





purple loosestrife

moderate





## Kingsway Park

Woodland is healthy with no obvious forest health issues



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

Moderately healthy; some minor forest health issues but less than 30% tree mortality

## **Key findings**

- Medium level of understory disturbance due to off-trail trampling
- Woodland is dominated by buckthorn ٠

## Ash mortality update

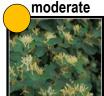
Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 0 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual 0 health status. Healthy Declining

### Invasive plant presence



moderate

garlic mustard



buckthorn

honeysuckle





0

Dead

Health is affected by obvious forest health

0

issues; greater than 30% tree mortality



## **Clearview Woods**

Woodland is healthy with no obvious forest health issues



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

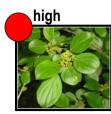
Moderately healthy; some minor forest health issues but less than 30% tree mortality

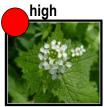
Health is affected by obvious forest health issues; greater than 30% tree mortality

## Key findings

- Light defoliation caused by gypsy moth, affecting bur oak, red oak, white oak and shagbark hickory
- Dutch elm disease present and causing moderate damage on white elm
- Light damage cause by anthracnose, affecting bur oak • and white oak
- Low level of damage caused by harvesting

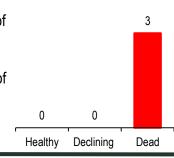
### Invasive plant presence





## Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 3 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.





buckthorn

garlic mustard



## **Avonhead Ridge Trail South**

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



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

Moderately healthy; some minor forest health issues but less than 30% tree mortality

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

## Key findings

- Dutch elm disease present and causing heavy damage on white elm
- Hypoxylon canker affecting trembling aspen, causing heavy damage
- Light defoliation caused by gypsy moth, affecting bur oak
- Low level of abiotic disturbance due to blowdown •

### Invasive plant presence



#### moderate



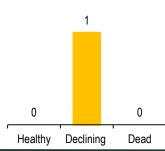


low





Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 1 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.





buckthorn

garlic mustard honeysuckle

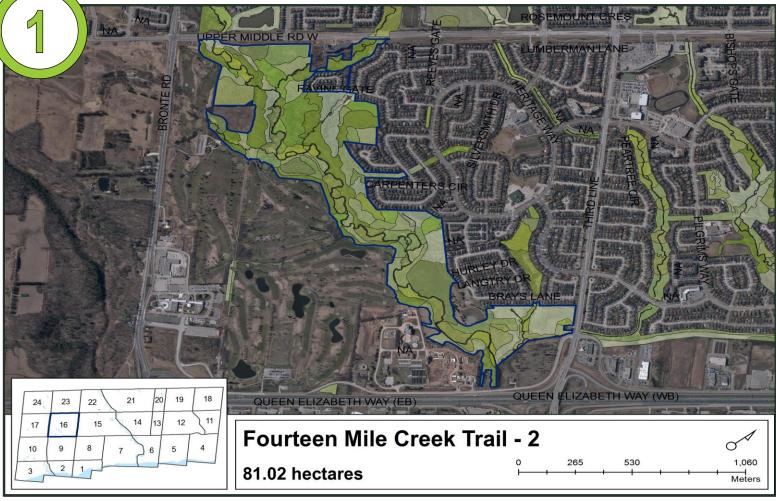


low



## Fourteen Mile Creek Trail

Woodland is healthy with no obvious forest health issues



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

Moderately healthy; some minor forest health issues but less than 30% tree mortality

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

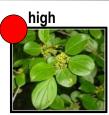
33

Healthy

## Key findings

- Light defoliation observed throughout woodland caused by gypsy moth, affecting various hardwood species
- Dutch elm disease present causing heavy elm decline and mortality
- Imported willow leaf beetle observed, causing light damage on willow
- White pine decline observed, mortality along trails
- Tree health decline and mortality observed in Scots pine and silver maple, unknown cause
- Low to medium level of understory damage caused by off-trail trampling

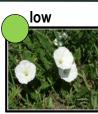
### Invasive plant presence







honeysuckle



bindweed

low

Ash mortality update

significantly affected the health of

Emerald Ash Borer (EAB) has

ash trees in Oakville. A total of

155 ash trees were surveyed in

impact of EAB to date. The graph

represents each tree's individual

this woodland to assess the



Other species: phragmites purple loosestrife wild grape

36

Declining

coltsfoot

health status.

dog strangling vine



86

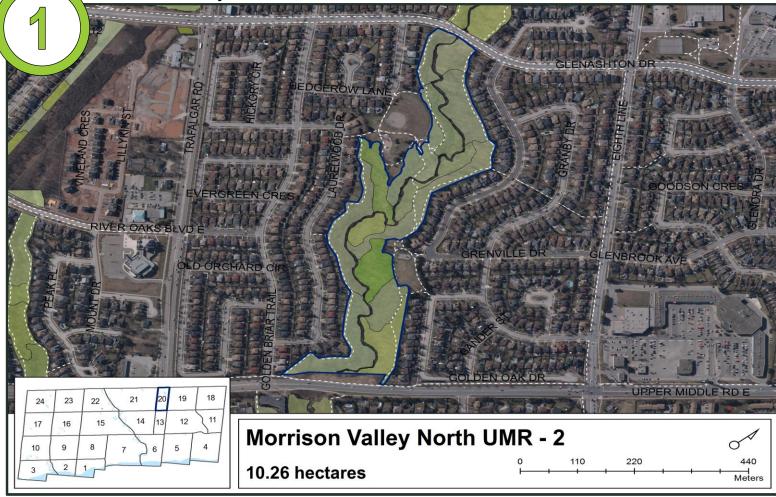
Dead

buckthorn



## **Morrison Valley North**

Woodland is healthy with no obvious forest health issues



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

Moderately healthy; some minor forest health issues but less than 30% tree mortality

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

## **Key findings**

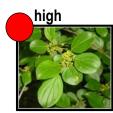
- Light to moderate defoliation throughout woodland caused by gypsy moth, affecting basswood, red oak and white oak; pocket of white oak in decline
- Dutch elm disease causing elm decline and mortality
- Tar spot causing moderate to heavy damage on Norway maple
- Low to high level of understory disturbance due to off-trail trampling, yard waste dumping, blowdown and encroachment from private property

### Invasive plant presence



Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 0 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.

		0
0	0	0



moderate

garlic mustard

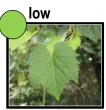






honeysuckle

low



wild grape



buckthorn

English ivy

periwinkle



## **Fiskin Property**

Woodland is healthy with no obvious forest health issues



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

Key findings

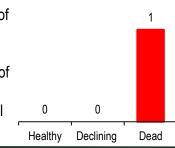
• No biotic or abiotic disturbance observed

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

## Ash mortality update

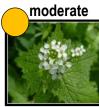
Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of **1** ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



### Invasive plant presence



buckthorn



garlic mustard



moderate

sestrife ho

honeysuckle

low





## Nipigon Trail

Woodland health is affected by obvious forest health issues, greater than 30% mortality UPPER MIDDLE RD 18 19 24 23 22 21 11 14 13 12 15 16 17 Nipigon Trail - 2 C 10 130 260 65 2 3 4.40 hectares Meters

#### Forest Health Rating Legend

Healthy; no obvious forest health issues

Moderately healthy; some minor forest health issues but less than 30% tree mortality

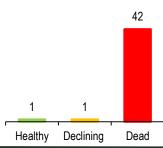
Health is affected by obvious forest health issues; greater than 30% tree mortality

## Key findings

- Tar spot causing moderate damage on Norway maple
- Some willow mortality, cause unknown
- Southern section of woodland dominated by buckthorn
- Low to medium level understory disturbance due to offtrail trampling throughout woodland, and yard waste dumping

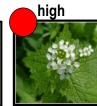
## Ash mortality update

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





garlic mustard

buckthorn

honeysuckle

moderate



periwinkle

purple loosestrife

low

low

wild grape

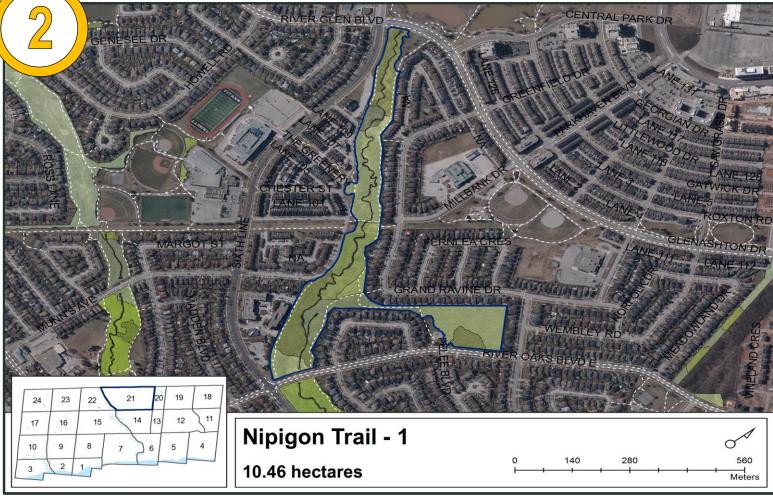
Other species: winged euonymus





## Nipigon Trail

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



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

Moderately healthy; some minor forest health issues but less than 30% tree mortality

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

## Key findings

- Light defoliation throughout woodland caused by gypsy moth affecting bur oak, shagbark hickory, red oak and white oak
- Dutch elm disease causing elm decline and mortality
- Anthracnose causing light damage on red oak and Siberian elm
- Tar spot causing light damage on Norway maple
- Medium to high level understory disturbance due to off-trail trampling, yard waste dumping and encroachment from private property

## Invasive plant presence





garlic mustard

moderate

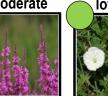


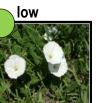
moderate

moderate

health status.

EAB to date. The graph







0

Declining

BioFore

11

Dead

buckthorn

honeysuckle

periwinkle

purple loosestrife

Ash mortality update

significantly affected the health of

ash trees in Oakville. A total of 11

woodland to assess the impact of

represents each tree's individual

ash trees were surveyed in this

Emerald Ash Borer (EAB) has

bindweed

0

Healthy



## Munn's Creek Trail

Woodland is healthy with no obvious forest health issues



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

Moderately healthy; some minor forest health issues but less than 30% tree mortality

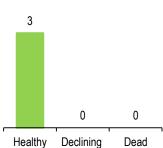
Health is affected by obvious forest health issues; greater than 30% tree mortality

## Key findings

- Trace defoliation caused by gypsy moth affecting red oak
- Low to medium level of understory disturbance due to ٠ off-trail trampling and yard waste dumping

## Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 3 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



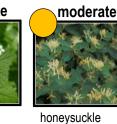
### Invasive plant presence



buckthorn

moderate

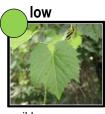
garlic mustard





phragmites

low





purple loosestrife

wild grape



## Harman Gate Park

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



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

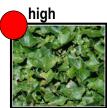
Moderately healthy; some minor forest health issues but less than 30% tree mortality

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

## **Key findings**

- Anthracnose causing trace damage on silver maple and sugar maple
- Tar spot causing light damage on Norway maple
- Leaf spot causing moderate damage on hawthorn
- Several poplars in declining health, unknown cause
- No abiotic disturbance observed ٠

### Invasive plant presence





English ivy

buckthorn



moderate

garlic mustard



honeysuckle



Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 0 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.

#### 0 0 0 Healthy Declining Dead

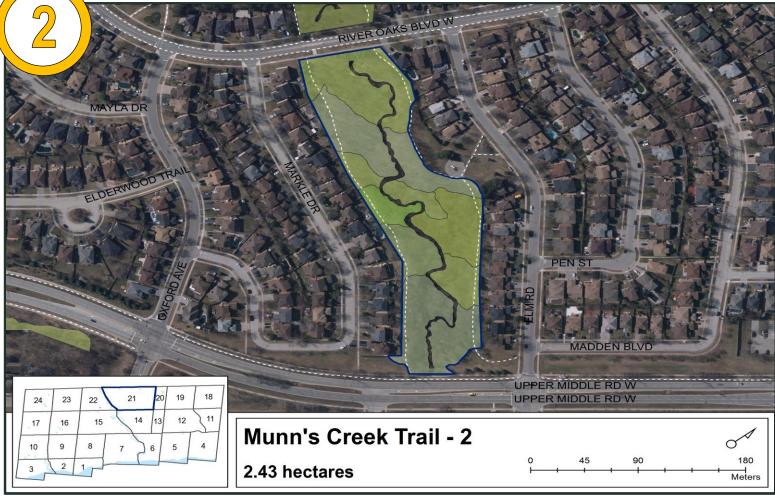






## **Munn's Creek Trail**

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



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

Moderately healthy; some minor forest health issues but less than 30% tree mortality

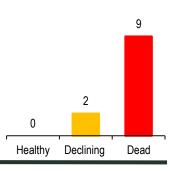
Health is affected by obvious forest health issues; greater than 30% tree mortality

## **Key findings**

- Light defoliation throughout woodland caused by gypsy moth affecting basswood, red oak and white oak
- Low to medium level of understory disturbance due to off-trail trampling. yard waste dumping and harvesting operations in one section of the woodland
- One pocket of Tree of Heaven (invasive tree species)

## 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

garlic mustard



honeysuckle



English ivy

low





buckthorn



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



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

Moderately healthy; some minor forest health issues but less than 30% tree mortality

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

3

Declining

## **Key findings**

- Trace defoliation caused by gypsy moth and/or cankerworm, affecting basswood, bur oak, red oak and white oak
- Tar spot causing light damage on Norway maple
- Anthracnose causing trace to light damage on shagbark hickory red oak
- Some hemlocks in declining health, cause unknown
- Low to medium level of understory disturbance due to off-trail trampling, yard waste dumping and harvesting operations

### Invasive plant presence



buckthorn



garlic mustard







honeysuckle



periwinkle

health status.

Ash mortality update

significantly affected the health of

ash trees in Oakville. A total of 13

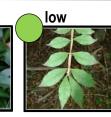
woodland to assess the impact of

represents each tree's individual

ash trees were surveyed in this

EAB to date. The graph

Emerald Ash Borer (EAB) has





10

Dead

winged euonymus

0

Healthy



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



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

2

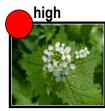
Moderately healthy; some minor forest health issues but less than 30% tree mortality **3** Health is affected by obvious forest health issues; greater than 30% tree mortality

## Key findings

- Trace defoliation caused by gypsy moth affecting red oak and white oak
- English oak mortality, cause unknown
- Anthracnose causing trace damage on red oak and white oak
- Low to medium level of understory disturbance due to yard waste dumping
- Large parts of woodland have been replanted with native species

### Invasive plant presence



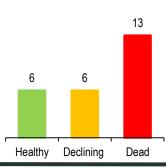


garlic mustard



### 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.





buckthorn

periwinkle







#### Forest Health Rating Legend

Healthy; no obvious forest health issues

2 Mo

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

- Trace defoliation caused by gypsy moth affecting bur oak and red oak
- Anthracnose causing trace damage on English oak and light damage on silver maple
- Low to medium level of understory disturbance due to off-trail trampling, yard waste dumping and harvesting operations
- Majority of woodland has been planted with native species, however still areas of buckthorn regeneration

### Invasive plant presence





garlic mustard



honeysuckle



periwinkle

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of **21** ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.





buckthorn



Woodland is healthy with no obvious forest health issues



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

 $\frac{2}{2}$ 

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

- Trace defoliation caused by gypsy moth affecting basswood and red oak
- Anthracnose causing light damage on red maple, red oak and silver maple
- Leaf spot on hawthorn causing moderate damage
- Poplar mortality, cause unknown
- Low to medium level of understory disturbance due to off-trail trampling and yard waste dumping

### Invasive plant presence





garlic mustard



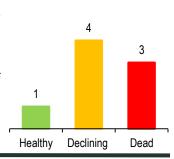


significantly affected the health of ash trees in Oakville. A total of **8** 

ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.

Ash mortality update

Emerald Ash Borer (EAB) has



buckthorn

honeysuckle

periwinkle







## Wildwoods Park

Woodland is healthy with no obvious forest health issues



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

Moderately healthy; some minor forest health issues but less than 30% tree mortality

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

## **Key findings**

- Light defoliation caused by gypsy moth, affecting basswood, red oak and white oak
- Tar spot present and causing trace damage on Norway maple
- Low level of understory disturbance caused by off-trail ٠ trampling

## Invasive plant presence





buckthorn

coltsfoot



moderate



giant hogweed

EAB to date. The graph



Ash mortality update

significantly affected the health of

ash trees in Oakville. A total of 39

woodland to assess the impact of

represents each tree's individual

ash trees were surveyed in this

Emerald Ash Borer (EAB) has

low

dog strangling vine

0

Healthy

Other species: periwinkle purple loosestrife

3

Declining



36

Dead

health status.

honeysuckle



## Sixteen Mile Creek Trail North

Woodland is healthy with no obvious forest health issues



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

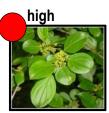
Moderately healthy; some minor forest health issues but less than 30% tree mortality

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

## Key findings

- Light defoliation throughout woodland caused by gypsy moth affecting bur oak, red oak and white oak
- Beech scale present in trace levels on American beech
- Anthracnose causing light damage on black walnut and bur oak
- Siberian elm in decline, cause unknown
- Low to medium level of understory disturbance due to off-trail trampling, blowdown and harvesting operations

## Invasive plant presence







garlic mustard



moderate

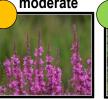


honeysuckle

moderate

EAB to date. The graph

health status.



Ash mortality update

significantly affected the health of

ash trees in Oakville. A total of 79

woodland to assess the impact of

represents each tree's individual

ash trees were surveyed in this

Emerald Ash Borer (EAB) has



Other species: English ivy giant hogweed periwinkle etc.

6

Declining

5

Healthy

68

Dead

BioFores



purple loosestrife

- bindweed



## **Birchtree Trail**

Woodland is healthy with no obvious forest health issues



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

Moderately healthy; some minor forest health issues but less than 30% tree mortality

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

0

## **Key findings**

- Light defoliation on bur oak caused by gypsy moth; bur oak in decline
- Anthracnose present and causing trace damage on bur oak and red oak
- Low level of understory damage due to yard waste ٠ dumping and encroachment from private property

### Invasive plant presence



#### moderate

garlic mustard



honeysuckle



purple loosestrife



Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 0 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status. Healthy



0

Declining

buckthorn



0

Dead



## **Dorval Trail**

#### Woodland is healthy with no obvious forest health issues



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

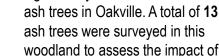
Moderately healthy; some minor forest health issues but less than 30% tree mortality

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

## Key findings

- Light defoliation caused by gypsy moth, affecting basswood, red oak, shagbark hickory and white oak
- Anthracnose present and causing light damage on green ash, red oak and white oak
- Tar spot present in trace levels on Norway maple
- Light to medium level of understory damage due to offtrail trampling, storm damage and yard waste dumping

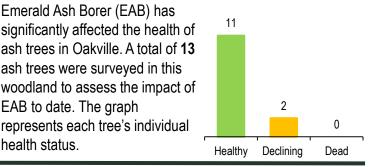
### Invasive plant presence



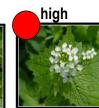
woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.

Ash mortality update

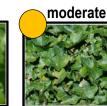
Emerald Ash Borer (EAB) has







garlic mustard



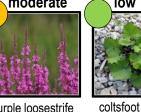




honeysuckle

moderate

purple loosestrife



goutweed periwinkle etc.

low

Other species: phragmites

BioFores

buckthorn



## Glen Oak Creek Trail South

Woodland is healthy with no obvious forest health issues



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

Moderately healthy; some minor forest health issues but less than 30% tree mortality

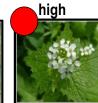
Health is affected by obvious forest health issues; greater than 30% tree mortality

## Key findings

- Trace to light defoliation caused by gypsy moth, affecting basswood and red oak
- Tar spot present and causing light levels of damage on Norway maple
- Low levels of abiotic disturbance caused by harvesting
- Medium levels of understory disturbance caused by offtrail trampling and yard waste dumping

### Invasive plant presence









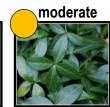
moderate



honeysuckle

health status.

EAB to date. The graph



Ash mortality update

significantly affected the health of

ash trees in Oakville. A total of 10

woodland to assess the impact of

represents each tree's individual

ash trees were surveyed in this

Emerald Ash Borer (EAB) has





1

Declining

0

Healthy

buckthorn



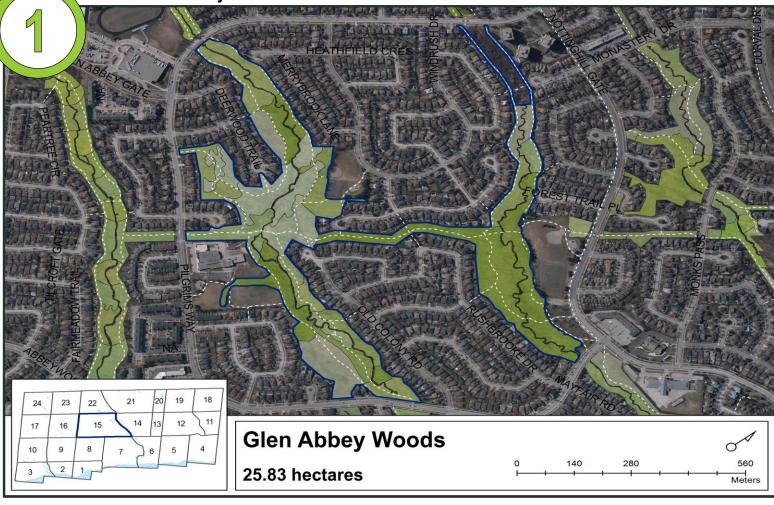
9

Dead



## **Glen Abbey Woods**

Woodland is healthy with no obvious forest health issues



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

 $\frac{2}{2}$  is

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

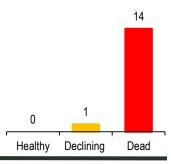
## Key findings

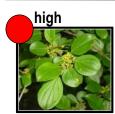
- Light defoliation caused by gypsy moth, affecting variety of hardwood species throughout woodland
- Tar spot present and causing light damage on Norway maple
- · White pine decline observed at multiple locations
- Light level of beech bark scale present on American beech
- Medium level of understory damage caused by off-trail trampling, yard waste dumping, harvesting operations, storm damage, and encroachment from private property

### Invasive plant presence



Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of **15** ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.





buckthorn



English ivy

garlic mustard

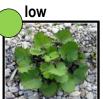
moderate



honeysuckle

moderate

periwinkle



coltsfoot

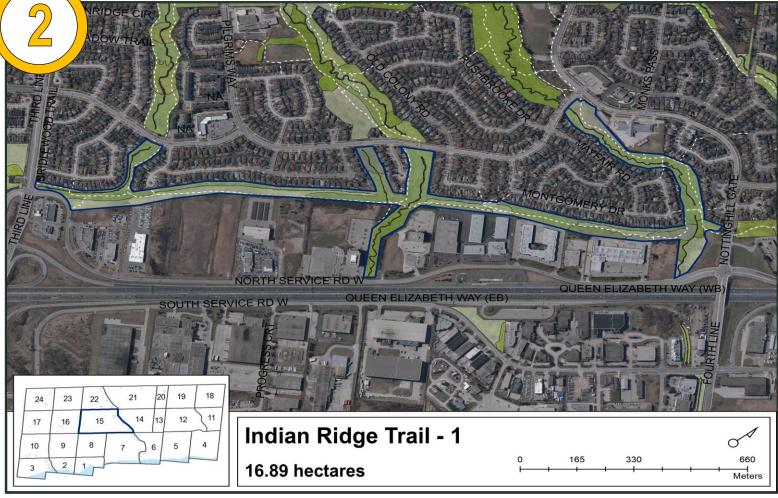
Other species: dog strangling vine goutweed etc.





## Indian Ridge Trail

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



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

Moderately healthy; some minor forest health issues but less than 30% tree mortality

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

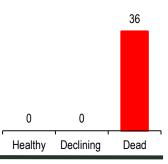
## Key findings

- Trace defoliation caused by gypsy moth affecting basswood, black walnut, elm and red oak
- Anthracnose present and causing light damage on silver maple and red oak
- Trace defoliation on willow caused by Imported willow leaf beetle
- European elm scale present in trace levels
- Low to medium level of understory damage caused by off-trail trampling and yard waste dumping throughout woodland

#### Invasive plant presence

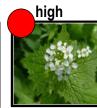


Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 36 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.





buckthorn



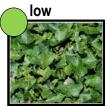




moderate



low



English ivy

Other species: periwinkle wild grape



purple loosestrife

bindweed



## **Glen Abbey Trail**

Woodland is healthy with no obvious forest health issues



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

2

Moderately healthy; some minor forest health issues but less than 30% tree mortality

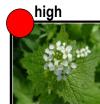
**3** Health is affected by obvious forest health issues; greater than 30% tree mortality

## Key findings

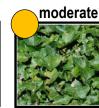
- Dutch elm disease present, causing moderate damage and tree health decline in white elm
- Light defoliation throughout woodland caused by gypsy moth, affecting bur oak and red oak
- Anthracnose present and causing light damage on red oak
- Tar spot present and causing light damage on Norway maple
- Low to medium level of understory damage due to off-trail trampling, yard waste dumping and harvesting operations

### Invasive plant presence





garlic mustard







honeysuckle



periwinkle

EAB to date. The graph

health status.

Ash mortality update

significantly affected the health of

ash trees in Oakville. A total of 18

woodland to assess the impact of

represents each tree's individual

ash trees were surveyed in this

Emerald Ash Borer (EAB) has



purple loosestrife

0

Healthy

Other species: winged euonymus

0

Declining



18

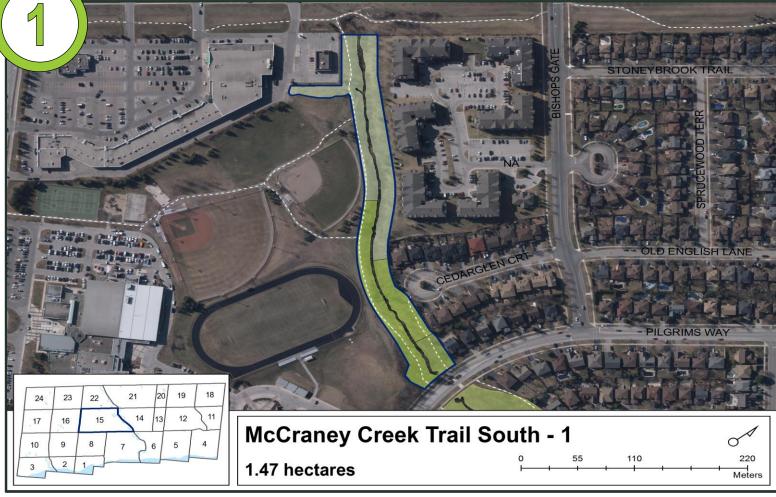
Dead

buckthorn



## **McCraney Creek Trail South**

Woodland is healthy with no obvious forest health issues



#### Forest Health Rating Legend

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

0

Healthy

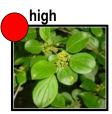
0

Declining

## Key findings

- Trace defoliation caused by gypsy moth, affecting basswood and red oak
- Anthracnose causing trace damage on red oak and sugar maple
- Tar spot causing light damage on Norway maple
- Several declining poplars, cause unknown
- Low to medium level of understory disturbance caused by off-trail trampling, yard waste dumping and blowdown

### Invasive plant presence





garlic mustard

buckthorn

honeysuckle

high



periwinkle



purple loosestrife

Ash mortality update

significantly affected the health of

ash trees in Oakville. A total of 0

ash trees were surveyed in this

EAB to date. The graph

health status.

woodland to assess the impact of

represents each tree's individual

Emerald Ash Borer (EAB) has



0

Dead



## **Taplow Creek Trail**

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



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

Moderately healthy; some minor forest health issues but less than 30% tree mortality

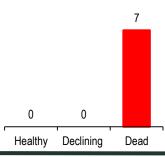
Health is affected by obvious forest health issues; greater than 30% tree mortality

## **Key findings**

- Light defoliation caused by gypsy moth affecting bur oak and red oak
- Low level of understory disturbance due to off-trail trampling and yard waste dumping

## 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



buckthorn



garlic mustard



low



black alder

low

low





garlic mustard



## The Parkway

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



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

Moderately healthy; some minor forest health issues but less than 30% tree mortality

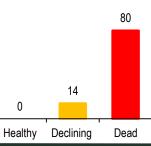
Health is affected by obvious forest health issues; greater than 30% tree mortality

## **Key findings**

- Light defoliation caused by gypsy moth, affecting red oak
- Elm leaf beetle and anthracnose causing light defoliation • on Siberian elm
- ٠ Low to medium level of understory disturbance due to off-trail trampling and yard waste dumping

## Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 94 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



honeysuckle

moderate

purple loosestrife

bindweed



Other species: Japanese knotweed phragmites Russian olive wild grape **BioForest** 



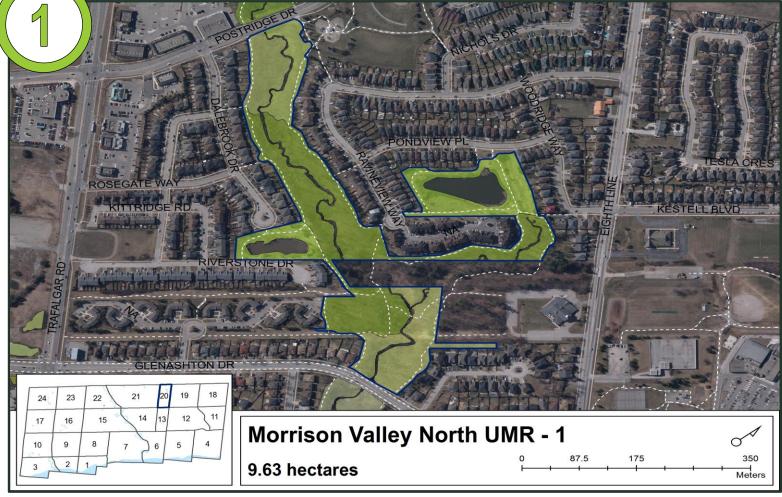
low





## Morrison Valley North

Woodland is healthy with no obvious forest health issues



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

Moderately healthy; some minor forest health issues but less than 30% tree mortality

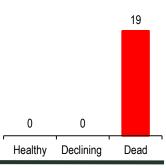
Health is affected by obvious forest health issues; greater than 30% tree mortality

## Key findings

- Light defoliation caused by gypsy moth, affecting red oak
- Dutch elm disease causing elm decline and mortality
- Medium level of understory disturbance due to off-trail trampling, yard waste dumping and encroachment from private property

## Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 19 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





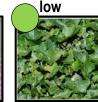
honeysuckle

buckthorn



moderate





low

periwinkle





purple loosestrife

English ivy

#### 2019 Urban Forest Health Report Card



## **Sixteen Mile Creek South**

Woodland is healthy with no obvious forest health issues



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

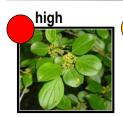
 $\frac{2}{2}$  is

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

- Light damage caused by gypsy moth, affecting red oak, basswood, and white birch
- Light damage cased by birch leaf miner, affecting white birch
- Low to medium levels of disturbance caused by off-trail trampling and harvesting

### Invasive plant presence



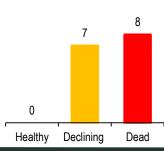


buckthorn

honeysuckle

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of **15** ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.







## Sixteen Mile Creek South

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



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

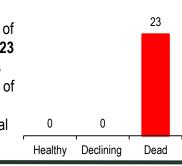
Moderately healthy; some minor forest health issues but less than 30% tree mortality

## **Key findings**

General tree health decline observed in various hardwood species including maple, basswood and oak

### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 23 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual 0 health status.

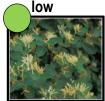


Health is affected by obvious forest health

issues; greater than 30% tree mortality

#### Invasive plant presence





buckthorn

honeysuckle

phragmites

low





## **Sixteen Mile Creek South**

Woodland is healthy with no obvious forest health issues



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

Moderately healthy; some minor forest health issues but less than 30% tree mortality

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

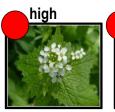
## **Key findings**

- Light damage cased by gypsy moth, affecting white and red oak
- Light damage caused by elm leaf miner, affecting Siberian elm
- Tar spot present on Norway maple
- Low to medium levels of understory disturbance caused by off-trail trampling, garbage/yard waste dumping and fire pit construction

#### Invasive plant presence



buckthorn



garlic mustard

purple loosestrife

high



giant hogweed

EAB to date. The graph

health status.

Ash mortality update

significantly affected the health of

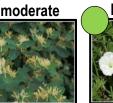
ash trees in Oakville. A total of 50

woodland to assess the impact of

represents each tree's individual

ash trees were surveyed in this

Emerald Ash Borer (EAB) has





0

Healthy

Other species: coltsfoot Japanese knotweed

5

Declining



45

Dead

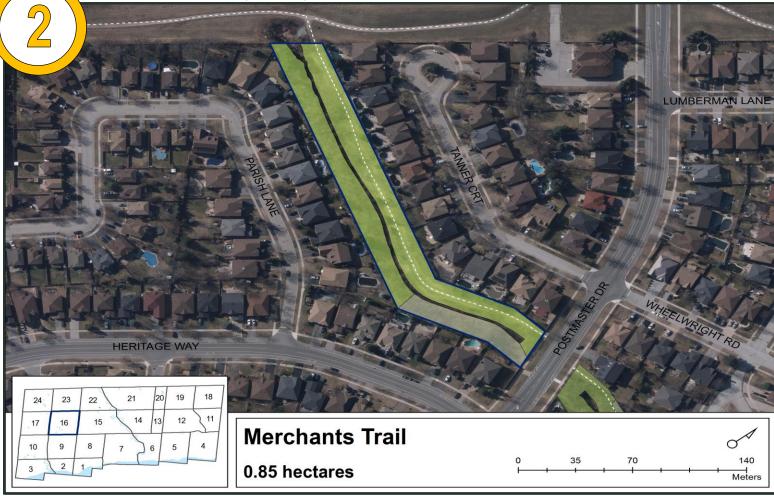
honeysuckle

bindweed



## **Merchants Trail**

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



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

2 Mc

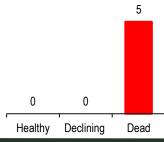
Moderately healthy; some minor forest health issues but less than 30% tree mortality **3** Health is affected by obvious forest health issues; greater than 30% tree mortality

## Key findings

- Imported willow leaf beetle present, causing light damage on willow
- Tar spot present in moderate level on Norway maple
- Low level of understory damage due to off-trail trampling and yard waste dumping

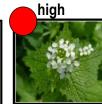
## Ash mortality update

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





garlic mustard

buckthorn

honeysuckle

high

moderate

purple loosestrife



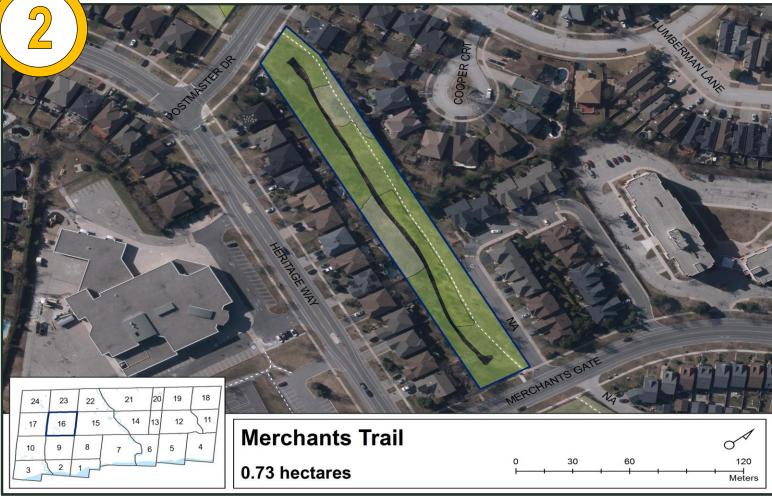
English ivy





## Merchants Trail

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



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

Moderately healthy; some minor forest health issues but less than 30% tree mortality

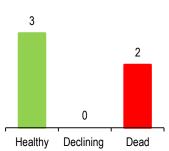
Health is affected by obvious forest health issues; greater than 30% tree mortality

## **Key findings**

- Low level of understory damage due to off-trail trampling and yard waste dumping
- Poplars in decline, unknown cause ٠

#### 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



buckthorn

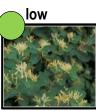


garlic mustard



moderate

purple loosestrife



honeysuckle

periwinkle

low









# Merchants Trail

Woodland is healthy with no obvious forest health issues



Moderately healthy; some minor forest health

issues but less than 30% tree mortality

#### Forest Health Rating Legend

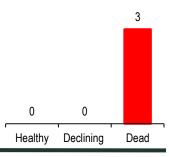
Healthy; no obvious forest health issues

**Key findings** 

- Tar spot causing light damage to Norway maple
- Anthracnose causing light damage on silver maple
- Low level of understory damage due to encroachment from private property

## Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 3 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



Health is affected by obvious forest health

issues; greater than 30% tree mortality

#### Invasive plant presence





garlic mustard

buckthorn

honeysuckle

low



purple loosestrife



Russian olive





## **Brays Trail**

Woodland is healthy with no obvious forest health issues



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

Moderately healthy; some minor forest health issues but less than 30% tree mortality

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

### **Key findings**

- Trace defoliation caused by gypsy moth, affecting • basswood and red oak
- Tar spot causing trace to light damage on Norway maple
- Anthracnose causing light damage on silver maple and red oak
- Low level of disturbance due to harvesting operations

#### Invasive plant presence



buckthorn



garlic mustard



moderate



English ivy



health status.



phragmites

Other species: purple loosestrife winged euonymus

1

Declining

0

Healthy



9

Dead

represents each tree's individual

EAB to date. The graph

periwinkle

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 10 ash trees were surveyed in this

Ash mortality update

woodland to assess the impact of

#### 2019 Urban Forest Health Report Card



## East Fourteen Mile Creek Trail

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



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

Moderately healthy; some minor forest health issues but less than 30% tree mortality

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

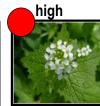
### Key findings

- Light defoliation throughout woodland caused by gypsy moth affecting bur oak, red oak and white oak
- Anthracnose causing light damage on bur oak, silver maple and white oak
- Imported willow leaf beetle causing trace damage on willow
- Low to medium level of understory disturbance due to off-trail trampling and yard waste dumping

### Invasive plant presence



buckthorn



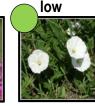
garlic mustard

honeysuckle

high







EAB to date. The graph

health status.



0

Healthy



2

Declining



19

Dead

bindweed

Ash mortality update

significantly affected the health of

ash trees in Oakville. A total of 21

woodland to assess the impact of

represents each tree's individual

ash trees were surveyed in this

Emerald Ash Borer (EAB) has

coltsfoot

#### 2019 Urban Forest Health Report Card



## East Fourteen Mile Creek Trail

Woodland is healthy with no obvious forest health issues



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

Moderately healthy; some minor forest health issues but less than 30% tree mortality

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

0

Healthy

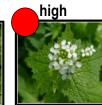
## Key findings

- Light defoliation throughout woodland caused by gypsy moth affecting bur oak, red oak and white oak
- Anthracnose causing light damage on bur oak, silver maple and white oak
- Imported willow leaf beetle causing trace damage on willow
- Low to medium level of understory disturbance due to off-trail trampling and yard waste dumping

#### Invasive plant presence



buckthorn

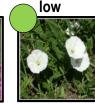


garlic mustard



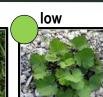
high





EAB to date. The graph

health status.



Other species: wild grape

0

Declining



0

Dead

bindweed

Ash mortality update

significantly affected the health of

ash trees in Oakville. A total of 0

ash trees were surveyed in this

woodland to assess the impact of

represents each tree's individual

Emerald Ash Borer (EAB) has

coltsfoot



#### Woodland is healthy with no obvious forest health issues



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

Moderately healthy; some minor forest health issues but less than 30% tree mortality

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

🚯 OAKVILLE

#### Key findings

- Light defoliation caused by gypsy moth affecting bur oak and pin oak
- Leaf spot on hawthorn causing moderate damage
- Low to medium level of understory damage due to off-trail trampling, yard waste dumping and encroachment from private property; beaver damage observed
- Small sections of woodland dominated by buckthorn Invasive plant presence

## Ash mortality update

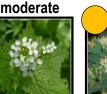
Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 4 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.







garlic mustard





moderate





buckthorn

honeysuckle

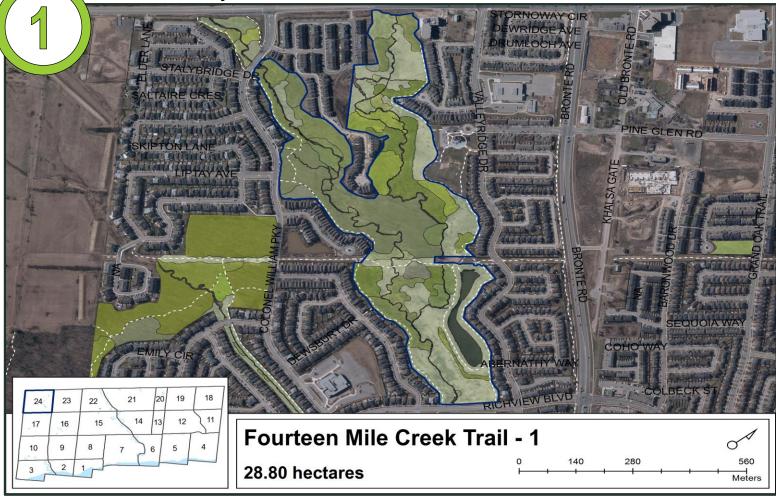
purple loosestrife phragmites





## Fourteen Mile Creek Trail

Woodland is healthy with no obvious forest health issues



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

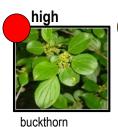
Moderately healthy; some minor forest health issues but less than 30% tree mortality

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

## **Key findings**

- Light defoliation caused by gypsy moth affecting red oak
- Anthracnose causing trace to moderate damage on red oak
- Leaf spot on hawthorn causing moderate damage
- Few shagbark hickory and cottonwood in decline, cause unknown
- Low to medium level of understory disturbance due to off-trail trampling, yard waste dumping and encroachment from private property

### Invasive plant presence



moderate

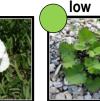
garlic mustard

moderate

honeysuckle



bindweed





coltsfoot



2

Healthy

Other species: qoutweed Japanese knotweed phragmites etc.

9

Declining

dog strangling vine



35

Dead

#### Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 46 ash trees were surveyed in this woodland to assess the impact of EAB to date. The graph represents each tree's individual health status.



## Fourteen Mile Creek Trail

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



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

Moderately healthy; some minor forest health issues but less than 30% tree mortality

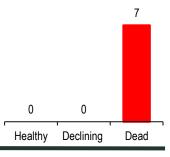
Health is affected by obvious forest health issues; greater than 30% tree mortality

### **Key findings**

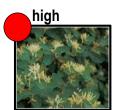
- Low level of understory disturbance due to off-trail trampling and yard waste dumping
- Some cherry trees in decline, cause unknown
- No biotic disturbance observed

### 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





buckthorn

honeysuckle



moderate



garlic mustard

moderate

phragmites



low

bindweed

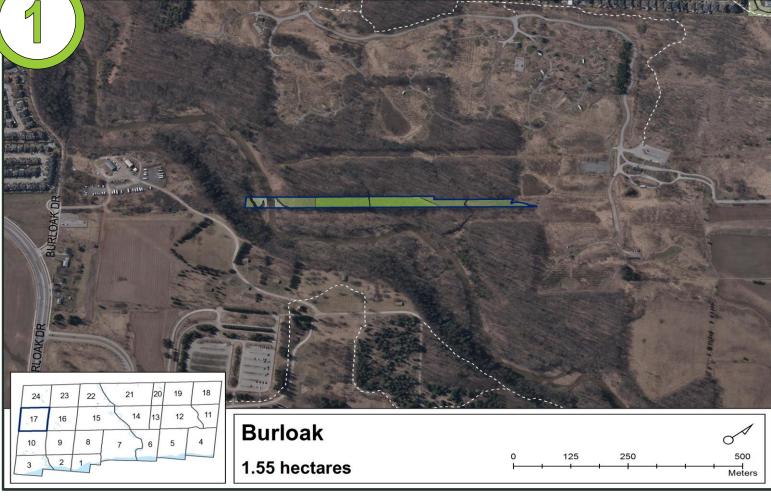
Other species: Japanese knotweed purple loosestrife





## **Burloak**

Woodland is healthy with no obvious forest health issues



#### Forest Health Rating Legend

Healthy; no obvious forest health issues

Moderately healthy; some minor forest health issues but less than 30% tree mortality

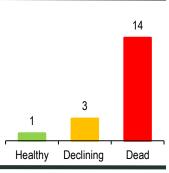
Health is affected by obvious forest health issues; greater than 30% tree mortality

## **Key findings**

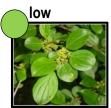
- Light defoliation throughout woodland caused by gypsy moth, affecting red oak and white oak
- High level of understory disturbance due to off-trail ٠ trampling
- Good representation of native flora in understory

## Ash mortality update

Emerald Ash Borer (EAB) has significantly affected the health of ash trees in Oakville. A total of 18 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



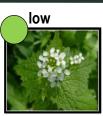


buckthorn

coltsfoot



low



garlic mustard

purple loosestrife

low

