

Urban Forest Strike Team Feature File Attributes

Feature: RiskPark, RiskStrt

Genus – This drop-down menu is comprised of 10-15 of the most prevalent species and/or genus found in the local area. This menu may be updated by the Team Leader as needed.

DBH – This numeric field allows for a two digit entry to denote the diameter of the tree’s stem in inches at breast height (4.5 ft.)

Target – This drop-down menu allows the arborist to identify the likelihood of any targets or potential targets near the tree being assessed. The options include:

0 (Never) – there will never be a significant target near this tree

1 (Infrequent) – targets are seldom near this tree

2 (Occasional) – targets are near this tree periodically

3 (Frequently) – targets are near this tree often

4 (Always) – this tree always has a target near it that it can impact

SizePart – This drop-down menu allows the arborist to identify the size of the part of the tree that is likely to fail. The options include:

0 (None) – there is no part of the tree that is likely to fail

1 (<8”) – the diameter of the part of this tree that is likely to fail is less than eight inches

2 (8-18”) – the diameter of the part of this tree that is likely to fail is between 8 and 18”

3 (18-24”) – the diameter of the part of the tree that is likely to fail is 18” to 24”

4 (>24”) – the diameter of the part of this tree that is likely to fail is greater than 24”

ProbFail – This drop-down menu allows the arborist to identify the probability that the part of the tree that is most likely to fail will fail. The options include:

0 (Never) – there is no probability of tree/part failure

1 (Low) – The probability that the part of the tree that will fail is unlikely

2 (Possible) – The probability that the part of the tree that will fail is feasible

3 (Likely) – The probability that the part of the tree that will fail is expected

4 (Move quickly) – The probability that the part of the tree that will fail is imminent

Risk_mgt – This drop-down menu allows the arborist to identify the arboricultural action needed to mitigate the hazard of this tree. The options include:

No Action – nothing is recommended

Prune (Hazard) – prune limbs that pose a hazard to people and/or property

Prune (Other) – prune limbs that, over time, can pose a risk to tree health

Remove (Hazard) – remove entire tree because of its threat to people or property

Inspect (Immediate) – due to perceived urgent hazards with the tree, immediately (within the week) have the tree more thoroughly inspected by a professional

Inspect (Routine) – due to perceived hazards with the tree that can not be adequately inspected by the UFST arborist, have the tree inspected more thoroughly by a professional

FEMA_mgt – This drop-down menu allows the arborist to justify for FEMA reimbursement per the FEMA 325 Debris Guidelines. The options include:

Non-FEMA – there is no justification for FEMA reimbursement

Prune (>2" Limbs) – there is at least one broken limb hanging in the crown of the damaged tree that is greater than two inches in diameter at the break and was caused by the natural disaster to which the UFST is responding

Remove (>50% Loss) – The tree is recommended for removal because it has lost at least half of its crown volume due to the storm

Remove (Heartwood) – The tree is recommended for removal because of exposure of heartwood in the stem or major, structural branches

Remove (>30 Lean) – The tree is recommended for removal because it's storm-related lean is at least 30°

Hangers – This drop-down menu allows the arborist to identify the approximate number of broken, hanging branches in the crown. This information is needed in the event that FEMA will compensate the municipality for the removal of multiple broken limbs. The options include:

0 – no hanging branches

1 – one hanging branch

2-4 – between two and four hanging branches

>5 – five or more hanging branches

Public – This drop-down menu allows the arborist to identify the location of the damaged tree as a publicly-owned tree (on the right-of-way) or a private tree (on private property). The options include:

Yes – tree is growing on the right-of-way and maintained by the municipality

No – tree is growing on private property, but the hazard impacts the right-of-way

Unknown – the property on which the tree is growing is not known

FieldNotes – This text box allows the arborist to include comments about the tree. This field only allows for 24 characters of information, so notes should be kept brief.

GPSTime – This is an automatically generated time-stamp that can not be changed by the arborist.

Crew # - This field shows the data recording unit number as well as the crew number. It should not be changed by the arborist as this information is important for the Team Leader and GIS Specialist.

Feature: Stump

Diameter – This numeric field allows the arborist to enter the diameter of the stump at 2 ft. above groundline.

Minimum value = 0

Maximum value = 100

LengthFt – This numeric field allows the arborist to enter the length of the stump in feet.

Minimum value = 0

Maximum value = 20

WithTree – This drop-down menu allows the arborist to identify if the stump and the tree's stem are still attached. The options include:

Yes – the stem is still attached to the stump

No – the stem is not attached to the stump

GPSTime – This is an automatically generated time-stamp that can not be changed by the arborist.

Crew # - This field shows the data recording unit number as well as the crew number. It should not be changed by the arborist as this information is important for the Team Leader and GIS Specialist.