Tree Survey – Land adjacent to St George's Church, Front Street, East Boldon

Introduction

In 2018, Local councillors shared the results of the Tree survey undertaken by Glendale on behalf of the Council. The survey was undertaken on 8 and 15 June 2018.It recorded the postion of each tree on a location plan and gave each one a unique reference number.

Details of the Survey

The species of each tree was identified, its height, life stage, life expectancy, description, the date inspected and the recommendations for each tree. 41 trees were identified, 21 as mature, 15 as semi mature, 2 as young and 2 as newly planted /immature.

The summary of the woodland group was as follows:

Species – Ash Common 9, Elm Wych 7, Holly 1, Holly Common 4, Laburnum 1, Lime Common 1 ,Sycamore 15 and Whitebeam 2.

Life Expectancy Summary – 10+ years 1, 20+years 9, 30+ years 10, 40+ years 8 and 50+years 12.

This survey did not recommend any trees for felling. No action was required on 27 trees, with crown lifts and reshaping recommending for others.

Impact of the proposed development

The proposed improvements to the woodland to create boardwalk pathways, seating and new fences would be carried out to ensure that would not impact on any of the trees.

Ref	Species	Height	Life Stage	Life Expectancy	Description	Inspected	Recommendations
T458	Ash, Common (Fraxinus excelsior)	20	Mature	20+ Years	Structurally Fair, twin stemmed, stems fused together betwee 0.3m and 2m southern stem over adjacent property has been lifted in the past Physiologically Good union obscured by ivy	08-Jun-2018	No action work required Timescale: No Action
T459	Sycamore (Acer pseudoplatanus)	20	Mature	50+ Years	Structurally Good originally twin stemmed fused the base Physiologically Good	08-Jun-2018	No action work required Timescale: No Action
T460	Sycamore (Acer pseudoplatanus)	20	Mature	50+ Years	Structurally Good Physiologically Good	08-Jun-2018	No action work required Timescale: No Action
T461	Whitebeam (Sorbus aria)	13	Semi Mature	20+ Years	Structurally Fair twin stemmed at 2m Physiologically Good	08-Jun-2018	No action work required Timescale: No Action
T462	Ash, Common (Fraxinus excelsior)	25	Mature	30+ Years	Structurally Good Physiologically Good Moderate Deadwood in lower crown	08-Jun-2018	Crown lift and Thin 33 to remove deadwood Timescale: 1 Year
T463	Whitebeam (Sorbus aria)	15	Mature	30+ Years	Structurally Good Physiologically Good	08-Jun-2018	No action work required Timescale: No Action
T464	Sycamore (Acer pseudoplatanus)	17	Semi Mature	50+ Years	Structurally Good Physiologically Good base obscured by ivy	08-Jun-2018	No action work required Timescale: No Action
T465	Holly, Common (Ilex aquifolium)	6	Semi Mature	20+ Years	Structurally Good Physiologically Fair lower crown encroaching on footpath	08-Jun-2018	Crown lift and Thin 30 To clear foot path Timescale: 1 Year

Ref	Species	Height	Life Stage	Life Expectancy	Description	Inspected	Recommendations
T466	Sycamore (Acer pseudoplatanus)	20	Mature	50+ Years	Structurally Good Physiologically Good base obscured by ivy	08-Jun-2018	No action work required Timescale: No Action
T467	Ash, Common (Fraxinus excelsior)	19	Mature	40+ Years	Structurally Good Physiologically Good Minor Deadwood over footpath 1st 6m of stem obscured by ivy	15-Jun-2018	Crown lift and Thin 33 to remove deadwood Timescale: 1 Year
T468	Sycamore (Acer pseudoplatanus)	17	Semi Mature	50+ Years	Structurally Good Physiologically Good	15-Jun-2018	No action work required Timescale: No Action
T469	Holly (Ilex sp.)	11	Mature	10+ Years	Structurally Fair Physiologically Poor chlorotic foilage and thin crown the base appears to be used as a den for children assorted short lengths of rope tied in upper crown bark stripped from 50% of stem upto 2m likely cause of chlorotic foilage	15-Jun-2018	No action work required Timescale: No Action
T470	Sycamore (Acer pseudoplatanus)	18	Mature	20+ Years	Structurally Fair wound between 1m and 2m on east side 8cm wide 10cm deep. good response growth sounding hammer indicates possible cavity on southside Physiologically Good	15-Jun-2018	Reduce Reshape minimum of 2m in height 37 + 33 due to close proximity of road Timescale: 3 Months
T471	Holly, Common (Ilex aquifolium)	8	Semi Mature	40+ Years	Structurally Fair mainstem with multiple smaller stems surrounding Physiologically Good	15-Jun-2018	No action work required Timescale: No Action

Ref	Species	Height	Life Stage	Life Expectancy	Description	Inspected	Recommendations
T472	Holly, Common (Ilex aquifolium)	5	Young	30+ Years	Structurally Fair twin stemmed Physiologically Good	15-Jun-2018	No action work required Timescale: No Action
T473	Sycamore (Acer pseudoplatanus)	19	Mature	20+ Years	Structurally Poor open cavity from 0.75m to 1.9m on west side 20cm deep 15cm wide, good response growth . sheltered from prevailing wind by other trees. Physiologically Good	15-Jun-2018	Reduce Reshape minimum of 2m in height 37 + 33 due to proximity of area that appears to be used as a den by children and adjacent property Timescale: 1 Year
T474	Sycamore (Acer pseudoplatanus)	10	Semi Mature	40+ Years	Structurally Fair minor wound at 4m on west of stem Physiologically Good Minor Deadwood in lower crown no targets	15-Jun-2018	No action work required Timescale: No Action
T475	Elm, wych (Ulmus glabra)	9	Semi Mature	20+ Years	Structurally Good Physiologically Good	15-Jun-2018	No action work required Timescale: No Action
T476	Sycamore (Acer pseudoplatanus)	20	Mature	50+ Years	Structurally Good Physiologically Good	15-Jun-2018	No action work required Timescale: No Action
T477	Elm, wych (Ulmus glabra)	11	Semi Mature	30+ Years	Structurally Good multiple stems but no bark inclusion Physiologically Good	15-Jun-2018	No action work required Timescale: No Action
T478	Ash, Common (Fraxinus excelsior)	20	Mature	30+ Years	Structurally Good Physiologically Fair crown a bit thin	15-Jun-2018	Crown lift and Thin 33 to remove deadwood Timescale: 1 Year

Ref	Species	Height	Life Stage	Life Expectancy	Description	Inspected	Recommendations
T479	Sycamore (Acer pseudoplatanus)	18	Mature	40+ Years	Structurally Fair crown slightly asymmetric wards the south Physiologically Fair stem growths indicate canker, tree appears to have responded well , dense full sized foliage	15-Jun-2018	No action work required Timescale: No Action
T480	Elm, wych (Ulmus glabra)	5	Newly planted/ Immature	40+ Years	Structurally Good Physiologically Good	15-Jun-2018	No action work required Timescale: No Action
T481	Ash, Common (Fraxinus excelsior)	20	Mature	40+ Years	Structurally Good twin stemmed at 2m wide u shaped union Physiologically Fair some spots of bark necrosis up the west stem however this appears to be old spike marks tree previously pruned back from powerlines on westside	15-Jun-2018	No action work required Timescale: No Action
T482	Laburnum (Laburnum sp.)	5	Semi Mature	20+ Years	Structurally Good Physiologically Good	15-Jun-2018	No action work required Timescale: No Action
T483	Elm, wych (Ulmus glabra)	7	Young	50+ Years	Structurally Good Physiologically Good	15-Jun-2018	No action work required Timescale: No Action
T484	Sycamore (Acer pseudoplatanus)	20	Mature	50+ Years	Structurally Good twin stemmed u shaped union Physiologically Good power lines run through tree good clearance from both sems	15-Jun-2018	No action work required Timescale: No Action
T485	Elm, wych (Ulmus glabra)	4	Newly planted/ Immature	50+ Years	Structurally Good Physiologically Good	15-Jun-2018	No action work required Timescale: No Action

Ref	Species	Height	Life Stage	Life Expectancy	Description	Inspected	Recommendations
T486	Elm, wych (Ulmus glabra)	10	Semi Mature	30+ Years	Structurally Fair 1 fork with included bark at 0.3m east side now forming up union Physiologically Good no visible targets	15-Jun-2018	No action work required Timescale: No Action
T487	Ash, Common (Fraxinus excelsior)	20	Mature	30+ Years	Structurally Fair multiple cankers(likely bacterial 'Pseudomonas syringe') on stems and larger branch wood depression in bark from base to 4m,Sounding hammer indicates no cavity may have been twin stemmed orginaly Physiologically Fair upper crown sparse foilage	15-Jun-2018	Reduce Reshape minimum of 2m in height 37 +33 Timescale: 1 Year
T488	Elm, wych (Ulmus glabra)	10	Semi Mature	40+ Years	Structurally Good twin stemmed u shaped union Physiologically Good no visible targets	15-Jun-2018	No action work required Timescale: No Action
T489	Sycamore (Acer pseudoplatanus)	15	Semi Mature	30+ Years	Structurally Fair , tree likely to have been twin stemmed orginaly,. Now has open cavity at 1m west side 40 cm high, 15 wide 20 deep where old stem would have been sounding hammer indicates cavity does not extend into remaining stem cavity full of water making environment less suitable for fungi Physiologically Good	15-Jun-2018	Reduce Reshape minimum of 1m in height 36 + 32 Timescale: 1 Year
T490	Ash, Common (Fraxinus excelsior)	18	Mature	40+ Years	Structurally Good Physiologically Fair foilage sparse	15-Jun-2018	No action work required Timescale: No Action

Ref	Species	Height	Life Stage	Life Expectancy	Description	Inspected	Recommendations
T491	Sycamore (Acer pseudoplatanus)	18	Mature	50+ Years	Structurally Fair canker on south of stem at 5m just below main union tumour like growth covers 50% circumference of main stem but not target canker unlikey to be of structural significance Physiologically Good, foilage dense and full sized	15-Jun-2018	No action work required Timescale: No Action
T492	Sycamore (Acer pseudoplatanus)	18	Semi Mature	50+ Years	Structurally Fair Physiologically Good Major Deadwood crossing and rubbing branch dead	15-Jun-2018	Crown lift and Thin 33 Timescale: 1 Year
T493	Sycamore (Acer pseudoplatanus)	19	Mature	20+ Years	Structurally Poor open cavity from base to 1.9m onsouth side 10cm deep 10cm wide, good response growth sounding hammer indicates cavity does not extend further than observed Physiologically Good	15-Jun-2018	Reduce Reshape minimum of 2m in height 37 + 33 Timescale: 1 Year
T494	Lime, Common (Tilia x vulgaris)	17	Semi Mature	50+ Years	Structurally Good Physiologically Good has chestnut scale through lower crown	15-Jun-2018	No action work required Timescale: No Action
T495	Holly, Common (Ilex aquifolium)	7	Semi Mature	30+ Years	Structurally Fair multiple stems Physiologically Good	15-Jun-2018	No action work required Timescale: No Action
T496	Ash, Common (Fraxinus excelsior)	20	Mature	20+ Years	Structurally Good twin stemmed at 3m u shaped union Physiologically Fair sparse foilage Moderate Deadwood throughout crown next to church and day nursery ground level may have been raised on westside by spoil/ garden waste	15-Jun-2018	Crown lift and Thin 33 to remove deadwood Timescale: 1 Year

Ref	Species	Height	Life Stage	Life Expectancy	Description	Inspected	Recommendations
T497	Ash, Common (Fraxinus excelsior)	19	Mature	30+ Years	Structurally Fair growth at 7m on north side of tree. Likely target canker 'Nectria app' suspected cavity Physiologically Good , wound occlusion good on old pruning cuts power line within 7m of tree. Nursery and church targets	15-Jun-2018	Aerial Inspection 48 to record size of potential cavity at 7m Timescale: 3 Months