Arboricultural Impact Statement for five trees within 48 Mactier Street, Narrabeen, New South Wales

by

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[30 November 2021]

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1.0. Introduction

During 30 November 2021, I made a detailed inspection of five trees within 48 Mactier Street, Narrabeen, New South Wales (Figs. 1-7). The subject trees were inspected during overcast conditions without wind.

2.0. Methodology

The trees were inspected from ground level, tree heights, canopy (crown) spread and dbh (diameter at breast height), structure, health, age class, significance as well as other information such as borer and/or termite infestation using most of the features of the VTA methodology.

VTA is an internationally recognised practice in the visual assessment of trees as formulated by Mattheck & Breloer (1994). Principle explanations and illustrations are contained within the publication, *Field Guide for Visual Tree Assessment,* by Mattheck, C. and Breloer, H. *Arboricultural Journal*, 18: 1-23 (1994).

A ULE analysis (Useful Life Expectancy) was also undertaken on the trees. Trees (defined here as being usually more than 15 cm d.b.h. = diameter at breast height) were assessed as per the procedures outlined in my other tree reports (viz. Hawkeswood, 1998-2012). Trees marked with an asterisk (*) in the list below are introduced species. The condition of trees are assessed by arborists using terminology of "good"," medium" or "poor"; good = specimen in good healthy condition, not suffering from high stress, without borer damage, without major dead branches etc; poor = tree is in poor health, under high stress, sickly, with numerous dead branches, losing leaves etc.; medium = condition of tree is somewhere between the other two conditions. In addition, the ULE assessment was also applied to these trees. This is the Useful Life Expectancy which is a tree assessment procedure which gives the length of time that the arborist believes that a particular tree can be retained with an acceptable level of risk based on the information available at the time of the inspection; SULE ratings are Long (i.e. the tree is retainable for 40 years or more with an acceptable level of risk), Medium (i.e. the tree is retainable for 16-39 years), Short (i.e. the tree is retainable for 5-15 years) and Removal (i.e. the tree requires immediate removal due to imminent hazard or absolute unsuitability)(see also Appendix 4). Major branch is defined as being 5 cm or more in diameter, minor branch less than 5 cm in diameter.

3.0. Results

The following table of data was obtained (see page 4).

Table 1. Arboricultural information on the 5 trees assessed in this report.

T no.	Species	Height (m)	Crown (m)	Health	Struct	Age class	Sig	ULE	DBH (cm)	Proposal	Notes
1	Nerium oleander (Oleander)	4	1	M	P	M	L	M-S	12,10, 8	Removal	
2	Raphia sp. (Raphia Palm)	6	5	G	G	M	L	M-L	60	Removal	Few dead fronds
3	Olea europaea (Olive)	6	3	M	P	M	L	M	12,12	Removal	Few dead branches, vine infested
4	Olea europaea (Olive)	6	5	M	P	M	L	M	30	Removal	Few dead branches, vine infested
5	Raphia sp. (Raphia Palm)	6	5	G	G	M	L	M-L	90	Removal	Few dead fronds

Key: Health & Structure: P= Poor, F= Fair, M= Medium, G= Good, Age Class, UM= Under-mature, M= Mature, OM= Over-mature; Significance: L= Low, M= Medium, H= High.

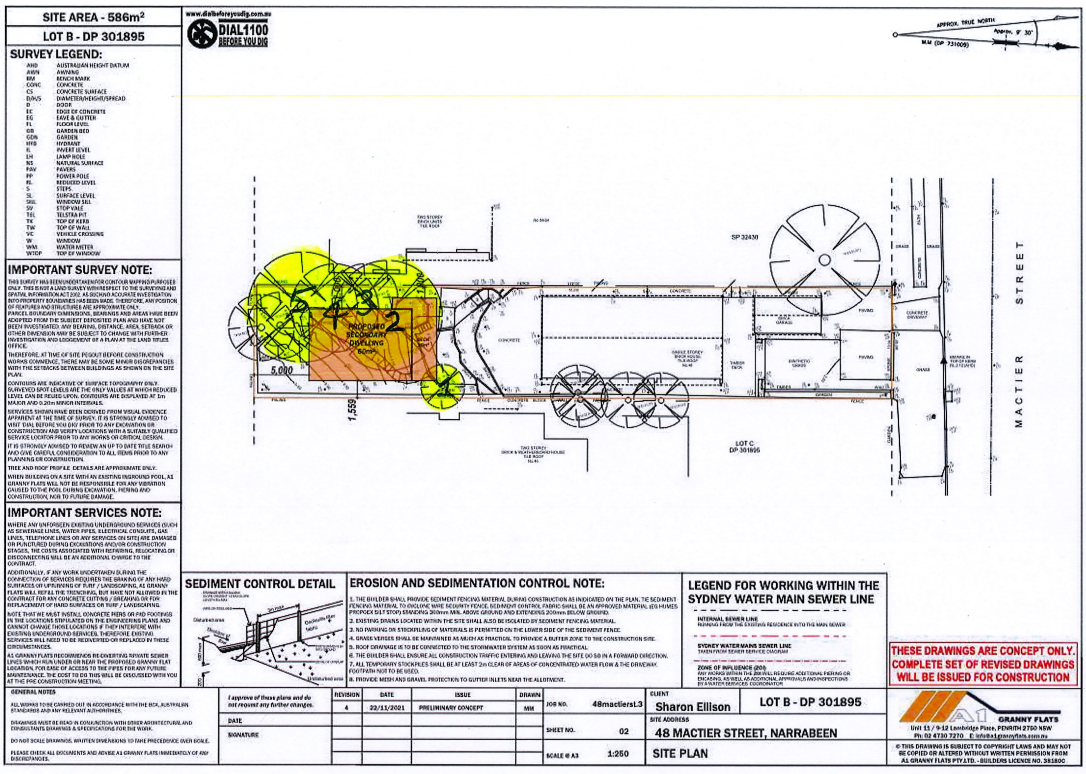

Fig. 1. Plan of the subject property showing the position of the 5 trees required to be removed.

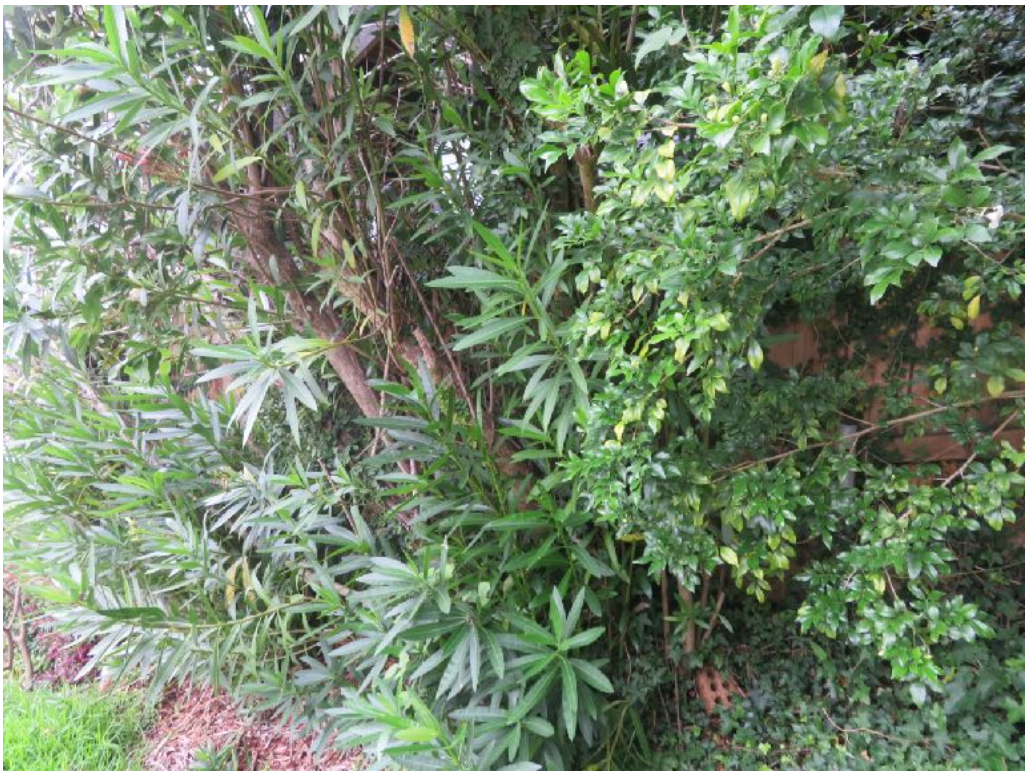

Fig. 2. Tree 1, *Nerium oleander* (Apocynaceae). (Photo: T.J. Hawkeswood).

Fig. 3. Tree 2, *Raphis sp.*(Arecaceae). (Photo: T.J. Hawkeswood).

Fig. 4. Tree 3, *Olea europaea* (Oleaceae). (Photo: T.J. Hawkeswood).

Fig. 5. Tree 4, *Olea europaea* (Oleaceae). (Photo: T.J. Hawkeswood).

Fig. 6. Tree 5, *Raphis sp.*(Arecaceae). (Photo: T.J. Hawkeswood).

Fig. 7. Trees 2-5. (Photo: T.J. Hawkeswood).

4.0. Conclusions

All of the 5 trees are to be removed to make way for the proposed granny flat (Fig. 1).

All 5 trees are to be removed as construction will affect the root systems/base of the tree etc (see Fig. 1). None of these trees are natives, and Trees 1, 3,4 are probably best regarded as weeds. The two palm trees (trees 2 and 5)(Figs. 3.6) could easily be saved and translocated to another property or donated/sold to a botanical garden or council park.

5.0. Qualifications of the Author

BSc (Hons) in Botany majoring in Tree and Shrub Biology, Anatomy and Physiology, Plant Pathology.
Postgraduate courses in Advanced Horticulture and Mycology/ Plant Pathology.
Rinntech Wood Anatomy, Tree Biology &Tree Risk Assessment Course
Quantified Tree Risk Assessment Course (Quantified Tree Risk Assessor No: 5813)
Member of the International Society of Arboriculture CSID: 290763
AQF8 Arborist

I have undertaken flora and fauna and arborist reports in the Sydney Bioregion since 1997 with over 2100 reports having been completed. I have written over 2500 tree reports as stand alone documents or as part of flora and fauna reports or vegetation management plans (VMP). Over 25,000 trees have been assessed in these reports. In addition another 50,000 + trees have been examined during the course of flora and fauna studies etc. These reports in the main have been accepted without much fuss and ado by the following Councils: Cooma, Parramatta, Holroyd, Bankstown, Camden, Hornsby, Penrith, Hawkesbury, Liverpool, Blacktown, Blue Mountains and The Hills. I have also represented clients successfully against Councils in the Land & Environment Court, where my qualifications and experience have been recognized.

Hawkeswood, T.J. (2013). *Tree report for 83a Cattai Ridge Road, Glenorie, New South Wales*: 1-14.

Hawkeswood, T.J. (2013). *Further observations on the trees and vegetation of Lots 11 & 12 DP 881728, Orangegrove Road (Cumberland Highway), Liverpool, New South Wales*: 1-14.

Hawkeswood, T.J. (2013). *Tree report for Lot 13, DP 27378, 114 Shepherds Road, Wilberforce, NSW*: 1-9.

Hawkeswood, T.J. (2013). *Trees to be removed at Lot 42, and 5 purported habitat trees within Lot 42, DP 1165082, 29 Hadden Ridge Road, Wilberforce, NSW*: 1-6.

Hawkeswood, T.J. (2013). *Vegetation Management Plan for Lot 22, The Links Road, Leura, New South Wales*: 1-25.

Hawkeswood, T.J. (2014). *Tree report for 48 Lindsay Street, Wentworthville, New South Wales*: 1-9.

Hawkeswood, T.J. (2014). *Arborist report for Lot 1, DP 774629, 118 Cattai Ridge Road, Glenorie, New South Wales*: 1-30.

Hawkeswood, T.J. (2014). *Tree report for 486-488 Victoria Road, Ryde, NSW*: 1-8.

Hawkeswood, T.J. (2014). *Arborist report for Lot 2, DP 241932 & Lot 27 DP 834163, 159-171 Samantha Riley Drive, Kellyville, New South Wales*: 1-38.

Hawkeswood, T.J. (2014). *SULE (Arborist) report for 28 trees at Lot 16B, DP 8979, 234 Ingleburn Road, Leppington,New South Wales*: 1-10.

Hawkeswood, T.J. (2014). *Vegetation Management Plan for Lot 53, DP206637, 29 Powell Street, Blaxland, New South Wales:* 1-19.

Hawkeswood, T.J. (2014). *Oak tree (Quercus robur, Fagaceae) at 11 Carinya Road, Girraween, NSW:* 1-3.

Hawkeswood, T.,J. (2014). *Trees at and associated with Lot 230, DP 36743, 3 Marshall Road, Telopea, NSW*: 1-7.

Hawkeswood, T.J. (2014). *Arborist report for Lot 36-51 Sec. 31, DP 1480, Hobart Street, Riverstone, New South Wales*: 1-19**.**

Hawkeswood, T.J. (2015). *SULE (Arborist) report for one Jacaranda mimosaeifolia tree at 22 Cross Street, Guildford, NSW*: 1-5.

Hawkeswood, T.J. (2015). *Tree report and 7-part Test of Significance for Blue Gum High Forest (BGHF) for Lot 18, DP 206702, 39 Cornwall Avenue, Turramurra, New South Wales*: 1-16.

List of selected and recent tree reports and utilising tree data undertaken by Dr TJ Hawkeswood approved by Councils:

Hawkeswood, T.J. (2009). Tree report for Lot 50, DP 26276, and Lot 1, DP 592729, 8 & 10 New Line Road, West Pennant Hills, New South Wales.

Hawkeswood, T.J. (2010). Tree report for Lot 9, DP 247628, 2 Deborah Road (formerly 175-177 Annangrove Road), Annangrove, New South Wales.

Hawkeswood, T.J. (2012). Tree report for 5 trees associated with 58 Evans Road, Glenhaven NSW.

Hawkeswood, T.J. (2013). SULE (Arborist) report for 8 trees at 11 Curtis Road, Kellyville, New South Wales.

Hawkeswood, T.J. (2013). SULE (Arborist) report for 9 trees at 46 Hastings Road, Castle Hill, New South Wales.

Hawkeswood, T.J. (2013). Arborist report for trees to be removed at Lot 42, and 5 purported habitat trees within Lot 42, DP 1165082, 29 Hadden Ridge Road, Wilberforce, NSW.

Hawkeswood, T.J. (2013). Tree report for 83a Cattai Ridge Road, Glenorie, New South Wales.

Hawkeswood, T.J. (2013). Dead trees at Lot 105, DP 752061, Windsor Road, Vineyard, NSW.

Hawkeswood, T.J. (2013). Tree report for Lots 7 & 8, DP23741, 33 & 35 Rupert Street, Mt. Colah, New South Wales.

Hawkeswood, T.J. (2013). 5 Eucalyptus trees at construction site at Blacktown Hospital, Blacktown, New South Wales.

Hawkeswood, T.J. (2014). Arborist report for Lot 3 DP 242138, 3 Bruce Place, Kellyville, New South Wales.

Hawkeswood, T.J. (2014). Arborist (tree assessment) report for Lot 2 DP 218959, Lot 1 DP 740520 & Lot 1 DP 221780, 25 Rance Road, Werrington, New South Wales.

Hawkeswood, T.J. (2014). Arborist (tree assessment) report for Lot 156 DP 214751, 66 Wattle Crescent, Glossodia, New South Wales.

Hawkeswood, T.J. (2014). Trees at and associated with Lot 230, DP 36743, 3 Marshall Road, Telopea, NSW.

Hawkeswood, T.J. (2014). Arborist report for Lot 1, DP 774629, 118 Cattai Ridge Road, Glenorie, New South Wales.

Hawkeswood, T.J. (2014). SULE (Arborist) report for 9 trees at Lot 35 DP 3305, 21 Westminster Street, Schofields, New South Wales.

Hawkeswood, T.J. (2014). Three trees on neighbouring properties to 17 Carinya Road, Girraween, NSW.

Hawkeswood, T.J. (2014). Oak tree (Quercus robur, Fagaceae) at 11 Carinya Road, Girraween, NSW.

Hawkeswood, T.J. (2014). Tree 2 (Jacaranda mimosaeifolia, Bignoniaceae) near Lot J, DP 23182 & Lot 10, DP 23183, 19-21 Clancy Street, Padstow Heights, New South Wales.

Hawkeswood, T.J. (2014). SULE (Arborist) report for 14 trees at/near Lot J, DP 23182 & Lot 10, DP 23183, 19-21 Clancy Street, Padstow Heights, New South Wales.

Hawkeswood, T.J. (2015). SULE (Arborist) report for trees within 391 Merrylands Road, Merrylands, NSW.

Hawkeswood, T.J. (2015). Arborist report for one Norfolk Island pine tree (Araucaria excelsa, Araucariaceae) at 19 Northcott Street, South Wentworthville, NSW.

Hawkeswood, T.J. (2015). SULE (Arborist) report for 5 trees at/associated with Lot 78, 171 Coxs Road, North Ryde, New South Wales.

Hawkeswood, T.J. (2015). SULE (Arborist) report for 5 trees associated with 23 O'Connor Street, Guildford, New South Wales.

Hawkeswood, T.J. (2015). Arborist report for Lots 116 & 117 DP 775240, 20-22 Mahony Street, Constitution Hill, New South Wales.

Hawkeswood, T.J. (2015). SULE (Arborist) report for 21 trees within and associated with 173-175 Beames Avenue, Mt Druitt, New South Wales.

Hawkeswood, T,.J. (2015). Arborist report for 15 trees within or associated within 10C Morgan Street, Earlwood, NSW.

Hawkeswood, T.J. (2015). Arborist report for 4 trees within or associated with 28 Princess Street, Guildford, NSW.

Hawkeswood, T.J. (2015). SULE (Arborist) report for 4 trees within 114 Constitution Road, New South Wales.

Hawkeswood, T.J. (2015). SULE (Arborist) report for 15 trees associated with a proposed development at 216A Windsor Road, Winston Hills, New South Wales.

Hawkeswood, T.J. (2015). SULE (Arborist) report for 5 trees associated with a proposed development at 61 Wisdom Street, Guildford West, New South Wales.

Hawkeswood, T.J. (2015). SULE (Arborist) report for two trees at 18 Jesmond Street, Surry Hills, NSW and recommendations for pruning of a Council Kaffir Plum tree.

Hawkeswood, T.J. (2015). SULE (Arborist) report for 1 gum tree (Eucalyptus sp., Myrtaceae) within 30 Brown Street, Forestville, New South Wales.

Hawkeswood, T.J. (2015). SULE (Arborist) report for 6 cypress pine trees within 35 Ormond Street, Ashfield, New South Wales.

Hawkeswood, T.J. (2015). SULE (Arborist) report for one Eucalyptus saligna tree at 22 Highlands Ave, Hornsby, NSW.

Hawkeswood, T.J. (2016). SULE (Arborist) report for one Eucalyptus sideroxylon tree at 112 Wicks Road, North Ryde, New South Wales.

Hawkeswood. T.J. (2016). SULE (Arborist) report for 15 trees including several palms within 26 Ferndell Street, South Granville, New South Wales.

Hawkeswood, T.J. (2016). SULE (Arborist) report for 16 trees within and adjacent to 101 Fiddens Wharf Road, Killara, New South Wales.

Hawkeswood, T.J. (2016). SULE (Arborist) report for one street tree in the front of 8 Crammond Blvd, Caringbah, New South Wales.

Hawkeswood, T.J. (2016). Garner Street, St Marys, NSW tree report.

Hawkeswood, T.J. (2016). SULE (Arborist) report for 8 trees at or associated with 105 Military Road, Guildford, New South Wales.

Hawkeswood, T.J. (2016). SULE (Arborist) report for 8 trees at/associated with 209 Memorial Ave, Liverpool, New South Wales.

Hawkeswood, T.J. (2016). SULE (Arborist) report for one Eucalyptus pilularis tree (Black butt) at 9 Willoughby Street, Epping, NSW.

Hawkeswood, T.J. (2016). SULE (Arborist) report for 2 trees at 3 Mawson Crescent, Ermington, New South Wales.

Hawkeswood, T.J. (2017). Arborist report on 2 trees at 21 Chalmers Crescent, Mascot, NSW.

Hawkeswood, T.J. (2017). Arborist report on 1 Liquidambar tree in the backyard of 31 Minnamurra Road. Northbridge, NSW.

Hawkeswood, T.J. (2017). Tree report for 16 trees adjacent to Lot 1, DP 582794, 8 Khartoum Road, Macquarie Park, New South Wales.

Hawkeswood, T.J. (2017). One Eucalyptus pilularis (Myrtaceae) tree at back yard of 2A Royston Parade, Asquith, NSW.

Hawkeswood, T.J. (2017). SULE (Arborist) report for one Eucalyptus citriodora tree overhanging child centre at 17 Bandalong Ave, West Pymble, NSW.

Hawkeswood, T.J. (2017). SULE (Arborist) report for 1 Araucaria excelsa (Araucariaceae) tree at 43 Tramway St, West Ryde, NSW.

Hawkeswood, T.J. (2017). Certification for trees after construction of Lucas Garden School at 121 Queens Road, Five Dock, NSW.

Hawkeswood, T.J. (2017). SULE (Arborist) report for four trees at 185 Carlingford Road, Carlingford, New South Wales.

Hawkeswood, T.J. (2017). SULE (Arborist) report for 3 Casuarina littoralis (Casuarinaceae) trees in 22 Rain Ridge Road, Kurrajong Heights, NSW adjacent to the side fence of 20 Rain Ridge Road.

Hawkeswood, T.J. (2019). Arboricultural Impact Statement for a Magnolia sp. (Magnoliaceae) tree within Lot 2, 53 Park Street, Glenbrook, New South Wales.

Hawkeswood, T.J. (2019). Arborist Report for a Corymbia citriodora tree in the front yard of 40 Empire Avenue, Concord, New South Wales.

Hawkeswood, T.J. (2019). Arboricultural Impact Statement for a Eucalyptus pilularis tree within 56 Kent Road, North Ryde, New South Wales.

Hawkeswood, T.J. (2019). Arboricultural Impact Statement for 4 trees within 8 Addington Road, Ryde, New South Wales.

Hawkeswood, T.J. (2019). Arboricultural Impact Statement for two Ficus hillii trees invading 6 Cates Place, St Ives, New South Wales.

Hawkeswood, T.J. (2019). COMPLIANCE CERTIFICATION Concerning protection of trees at 101 Fiddens Wharf Road, Killara, NSW.

Hawkeswood, T.J. (2019). Arboricultural Impact Statement for a Chamaecyparis sp. (Cupressaceae) tree at the rear of 17 Jamberoo Avenue, Baulkham Hills, New South Wales.

Hawkeswood, T.J. (2019). Arboricultural Impact Statement for 19 trees at 4 Winnunga Road, Dural, New South Wales.

Hawkeswood, T.J. (2019). COMPLIANCE CERTIFICATION Concerning protection of 1 Cedrus atlantica (Pinaceae) tree at 41-45 Yattenden Crescent, Baulkham Hills, NSW (Figs. 1-2).

Hawkeswood, T.J. (2019). Arboricultural Impact Statement for 21 trees and several shrubs associated with 246 Malton Road, North Epping, New South Wales.

Hawkeswood, T.J. (2019). Arboricultural Impact Statement for one Melaleuca quinquenervia (Myrtaceae) tree and one Cinnamomum camphora (Lauraceae) associated with 42 Brenda Street, Ingleburn, New South Wales.

Hawkeswood, T.J. (2018). Arboricultural Impact Statement for one Chamaecyparis lawsoniana (Cupressaceae) tree in the front yard of 7 Falcon way, Glenwood, New South Wales.

Hawkeswood, T.J. (2018). Arboricultural Impact Statement for three trees at 32A Greystanes Road, Greystanes, New South Wales.

Hawkeswood, T.J. (2018). Arboricultural Impact Statement for four trees at 10 Cambridge Street, Gladesville, New South Wales.

Hawkeswood, T.J. (2018). Root investigation for a Council Eucalyptus crebra (Myrtaceae) tree at 2 Peeler Place, Milperra, New South Wales.

Hawkeswood, T.J. (2018). Arboricultural Impact Statement for 2 trees within/adjacent to 15B Hewitt Avenue, Wahroongah, New South Wales.

Hawkeswood, T.J. (2018). Arboricultural Impact Statement for 3 trees within/adjacent to 4 Daphne Street, West Ryde, New South Wales.

Hawkeswood, T.J. (2018). Arboricultural Impact Statement for trees within/adjacent 10 Renfrew Street, Guildford West, New South Wales.

Hawkeswood, T.J. (2018). Arborist Impact Statement report for four trees at 45 Tungarra Road, Girraween, New South Wales.

Hawkeswood, T.J. (2018). Arboricultural Impact Statement for removal of 5 Eucalyptus microcorys trees and pruning of 5 other E. microcorys trees at the Nepean Christian School, 836 Mulgoa Road, Mulgoa, New South Wales.

Hawkeswood, T.J. (2018). Arboricultural Impact Statement for 2 trees within 10 Shipway Street, Marsfield, New South Wales.

Hawkeswood, T.J. (2018). Arboricultural Impact Statement for 12 Francis Street, Epping, New South Wales.

Hawkeswood, T.J. (2018). Report on two conifer trees at 9 Gundimaine Avenue, Mosman Bay, NSW.

Hawkeswood, T.J. (2018). Arborist report on two trees of Eucalyptus microcorys (Myrtaceae) in the front yard of 8 Yale Close, North Rocks, NSW.

Hawkeswood, T.J. (2018). The roots of two large Agonis flexuosa (Myrtaceae) trees affect the concrete footpath and sandstone wall adjacent to and within the property of 13 Benelong Crescent, Bellevue Hill, NSW.

Hawkeswood, T.J. (2018). Removal of dangerous Liquidambar Tree (Liquidambar styraciflua, Hamamelidaceae) in the backyard of 31 Minnamurra Ave, Northbridge, NSW.

Hawkeswood, T.J. (2018). Arboricultural Impact Statement for various trees associated with 505-507 Rocky Road, Sans Souci, New South Wales.

Hawkeswood, T.J. (2018). SULE (Arborist) report for six trees at 9 Carob Street, Cherrybrook NSW.

Hawkeswood, T.J. (2018). SULE (Arborist) report for one Betula sp. (Betulaceae) tree at 9 Carob Street, Cherrybrook NSW.

Hawkeswood, T.J. (2018). SULE (Arborist) report for two trees in the backyard of 20 McMullen Avenue, Carlingford, NSW.

Hawkeswood, T.J. (2018). SULE (Arborist) report for 4 trees within the backyard of 20 Marcella Street, Bankstown, NSW.

Hawkeswood, T.J. (2018). SULE (Arborist) report for neighbouring trees and shrubs near 41 Annette Street, Oatley, NSW.

Hawkeswood, T.J. (2018). SULE (Arborist) report for two trees of Eucalyptus microcorys and Eucalyptus maidenii (Myrtaceae) in the backyard of 33 Adeline Street, Bass Hill, NSW.

Hawkeswood, T.J. (2018). Tree Management Plan for 168 Old Pitt Town Road, Box Hill, NSW.

Hawkeswood, T.J. (2018). SULE (Arborist) report for two Eucalyptus (Myrtaceae) trees at 12 Spring Road, Kellyville, NSW.

Hawkeswood, T.J. (2018). SULE (Arborist) report for one oak tree, Quercus alba (Fagaceae) adjacent to 46 Third Avenue, Campsie.

Hawkeswood, T.J. (2018). Arborist Report for 74 Coral Tree Drive, Carlingford, New South Wales.

Hawkeswood, T.J. (2018). Arborist report for three trees on or near the property of 26 Oakland Avenue, Baulkham Hills, NSW.

Hawkeswood, T.J. (2018). Protection of a Quercus sp. (Fagaceae) tree at 77 Cressy Road, East Ryde, NSW.

Hawkeswood, T.J. (2018). SULE (Arborist) report for one Syzygium paniculatum (Myrtaceae) tree at 9 Tamboon Ave, Turramurra, NSW.

Hawkeswood, T.J. (2018). Arborist report on one Eucalyptus sp. (Myrtaceae) within the subject property of 2 Carre Avenue, Canley Heights, NSW.

Hawkeswood, T.J. (2018). Inspection of trees growing on part of 20-22 Mason Road, Box Hill, NSW.

Hawkeswood, T.J. (2018). SULE (Arborist) report for two Angophora costata (Myrtaceae) trees in the backyard of 39 View Street, Chatswood, NSW.

Hawkeswood, T.J. (2018). SULE (Arborist) report for five Eucalyptus crebra (Myrtaceae) trees at Lot 31, DP 538931, Cedar Cutters Way, Kellyville, NSW.

Hawkeswood, T.J. (2018). SULE (Arborist) report for one Melaleuca lineariifolia (Myrtaceae) tree on council verge of 3 Robert Street, Ashfield, NSW.

Hawkeswood, T.J. (2017). Re: One Angophora bakeri (Myrtaceae) tree and 7 Kunzea ambigua (Myrtaceae)and one Hakea sericea (Proteaceae) at the end of Ross Place Kellyville, near 7 Ross Place, Kellyville NSW.

Hawkeswood, T.J. (2017). Arborist report on 2 trees within the property on the corner of Gould and Dobell Roads, Claymore, NSW.

Hawkeswood, T.J. (2017). Root mapping for one Lophostemon confertus (Myrtaceae) tree adjacent to a proposed development at 2 Helena Street, West Guildford, New South Wales.

Hawkeswood, T.J. (2017). SULE (Arborist) report for one Eucalyptus resinifera (Myrtaceae) tree at 48 Sandhurst Crescent, Glenhaven, New South Wales.

Hawkeswood, T.J. (2017). Arborist Report for 27 Hynds Road, Box Hill, New South Wales.

Hawkeswood, T.J. (2017). Arborist Report for property at Pioneer Drive, Oak Flats, New South Wales.

Hawkeswood, T.J. (2017). Three Eucalyptus punctata (Myrtaceae) trees at the end of Ross Place Kellyville, near 7 Ross Place, Kellyville NSW.

Appendix 1. Tree Significance Assessment Criteria (STARS assessment matrix)

Tree Significance - Assessment Criteria		
Low	**Medium**	**High**
The tree is in fair-poor condition and good or low vigour. The tree has form atypical of the species The tree is not visible or is partly visible from the surrounding properties or obstructed by other vegetation or buildings The tree provides a minor contribution or has a negative impact on the visual character and amenity of the local area The tree is a young specimen which may or may not have reached dimensions to be protected by local Tree Preservation Orders or similar protection mechanisms and can easily be replaced with a suitable specimen The tree's growth is severely restricted by above or below ground influences, unlikely to reach dimensions typical for the taxa in situ – tree is inappropriate to the site conditions The tree is listed as exempt under the provisions of the local Council Tree Preservation Order or similar protection mechanisms The tree has a wound or defect that has the potential to become structurally unsound. The tree is an environmental pest species due to its invasiveness or poisonous/allergenic properties. The tree is a declared noxious weed by legislation	The tree is in fair to good condition The tree has form typical or atypical of the species The tree is a planted locally indigenous or a common species with its taxa commonly planted in the local area The tree is visible from surrounding properties, although not visually prominent as partially obstructed by other vegetation or buildings when viewed from the street The tree provides a fair contribution to the visual character and amenity of the local area The tree's growth is moderately restricted by above or below ground influences, reducing its ability to reach dimensions typical for the taxa in situ	The tree is in good condition and good vigour The tree has a form typical for the species The tree is a remnant or is a planted locally indigenous specimen and/or is rare or uncommon in the local area or of botanical interest or of substantial age. The tree is listed as a heritage item, threatened species or part of an endangered ecological community or listed on councils significant tree register The tree is visually prominent and visible from a considerable distance when viewed from most directions within the landscape due to its size and scale and makes a positive contribution to the local amenity. The tree supports social and cultural sentiments or spiritual associations, reflected by the broader population or community group or has commemorative values. The tree's growth is unrestricted by above and below ground influences, supporting its ability to reach dimensions typical for the taxa in situ – tree is appropriate to the site conditions.

Appendix 2. Useful Life Expectancy Assessment Criteria

Useful Life Expectancy - Assessment Criteria			
Remove	**Short**	**Medium**	**Long**
Trees with a high level of risk that would need removing within the next 5 years. Dead trees. Trees that should be removed within the next 5 years. Dying or suppressed or declining trees through disease or inhospitable conditions. Dangerous trees through instability or recent loss of adjacent trees. Dangerous trees through structural defects including cavities, decay, included bark, wounds or poor form. Damaged trees that considered unsafe to retain. Trees that could live for more than 5 years but may be removed to prevent interference with more suitable individuals or to provide space for new planting. Trees that will become dangerous after removal of other trees for the reasons.	Trees that appear to be retainable with an acceptable level of risk for 5-15 years. Trees that may only live between 5 and 15 more years. Trees that may live for more than 15 years but would be removed to allow the safe development of more suitable individuals. Trees that may live for more than 15 years but would be removed during the course of normal management for safety or nuisance reasons. Storm damaged or defective trees that require substantial remedial work to make safe, and are only suitable for retention in the short term.	Trees that appear to be retainable with an acceptable level of risk for 15-40 years. Trees that may only live between 15 and 40 more years. Trees that may live for more than 40 years but would be removed to allow the safe development of more suitable individuals. Trees that may live for more than 40 years but would be removed during the course of normal management for safety or nuisance reasons. Storm damaged or defective trees that require substantial remedial work to make safe, and are only suitable for retention in the short term.	Trees that appear to be retainable with an acceptable level of risk for more than 40 years. Structurally sound trees located in positions that can accommodate future growth. Storm damaged or defective trees that could be made suitable for retention in the long term by remedial tree surgery. Trees of special significance for historical, commemorative or rarity reasons that would warrant extraordinary efforts to secure their long-term retention.