

Arboricultural Impact Assessment

Site Location: 11 Henry Street, Belmont, Victoria, 3216

Completed for: Rafferty The Wrecker

Client Address: 10/15 Ricketts Rd, Mount Waverley VIC 3149

Inspection date: 20/12/2016

Date of report: 21/12/2016

Property: 11 Henry Street, Belmont, Victoria, 3216

Prepared by: Ryan Roche, Director, Future Tree Health Pty, Ltd.

Post Graduate Certificate of Arboriculture, The University of Melbourne, 2015

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Dear Polyxeni Maragkou

On the 20/12/2016 you requested the services of Future Tree Health Pty Ltd in providing an assessment of thirteen trees located within (inside and on nature strip) of the site 11 Henry Street, Belmont.

As agreed, this report will provide the following information regarding the trees assessed. Please note – all information from this report will be referenced against information provided within two previous tree reports conducted by Tree Logic.

- Condition of trees in question
- Health of trees in question
- Changes within the site regarding the trees in question
- Any physical damage caused to the trees subsequent to initial reports

Please find the report included below.

Kind Regards,

Ryan Roche

Terms of advice and service

Prior to reading this report and subsequently following any advice, opinions, recommendations or findings provided, you must hereby understand and agree to the following:

- This assessment and subsequent report findings are the culmination of research combined with the professional opinion of a qualified consulting arborist. Our consultants pride themselves on independent reports. This report has not been produced to support a particular motive, produce a desired value, or predict a desired occurrence. All findings are reported without bias towards certain parties or results.
- To the authors knowledge, all facts, assessment techniques and material presented is current and accurately researched. Opinions expressed within this report are supported by current research.
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- *Future Tree Health* and its representatives will not be held responsible for occurrences outside the consultants' control.
- This report is the product of a tree assessment, undertaken at the specific time and date listed on the Cover Page, within specific weather and environmental conditions. Thus, all information expressed within is relevant to this time, and date only. As a result, *Future Tree Health* will be in no way held responsible for damages, matters, occurrences, or other issues occurring after this inspection was completed. Following the inspection, all aspects pertaining to the tree/s and site/s in question are considered out of the control of *Future Tree Health*.
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- Within the Executive Summary of this report, please make note of the report inclusions and exclusions. This report will not include or pertain to matters other than those listed in the 'Purpose of this report' section and will not include any items listed within the 'Report exclusions' section.
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This disclaimer is governed by the law in force in the State of Victoria, Australia.

1.0. Executive Summary

1.1. Purpose of this report

The purpose of this report is to provide an assessment of thirteen trees located within the site 11 Henry Street, Belmont. This site is currently undergoing demolition works as it transitions in nature from the previous site of the CSIRO Research Facility to a private residential development.

This site is managed by the CSIRO, with Monaco-Hickey as the principal contractor, using Rafferty The Wrecker as a demolition contractor. This report was commissioned by contractor Rafferty The Wrecker so the trees in question may be assessed prior to additional contractors commencing works within the site.

The trees in question were highlighted as having specific importance and retention value within previous reports and were asked to be retained with Tree Protection Management. This report will assess the trees in question in regards to the original findings (two tree reports undertaken by Tree Logic), site changes during construction (including any damage) and current health and condition.

These trees were visually assessed by myself, Ryan Roche, on the 20/12/2016.

1.2. Report exclusions

This report will not include the following:

1. Below ground inspection (includes: location, condition and/or integrity of roots; condition of inaccessible parts of trunk; property or asset conflicts and/or damage due to roots).
2. Soil profile test (includes levels of compaction if any)
3. Aerial tree inspection observations/findings (Visual Tree Inspection was conducted from the ground)
4. Abiotic disorder certainty (resulting from groundwater analysis, gas leak investigations, etc.).
5. Certainty of presence/identity or absence of biotic agents (pests, pathogens). Where present, biotic agents must be sampled and sent for lab analysis, a process not included in this commission.
6. Certainty of presence or absence of non-visible decay (if any) within the tree (tree was inspected from the outside only, meaning the condition and integrity of the xylem - wood - within the tree cannot be accurately ascertained).

2.0. Introduction

Please note – In order to keep this report brief, all detailed information regarding the site in question should be obtained from the original two Tree Reports by Tree Logic. The site in question is large, however, the location of the trees in question is within the North-East aspect. The majority of the trees assessed are located within the site, with four trees located outside on the nature strip of Henry Street, Belmont. Site demolition was almost complete at the time of inspection.



Plate 1 – Aerial view of site with location of trees in question highlighted in blue



Plate 2 – Wide view of site section containing majority of trees for assessed

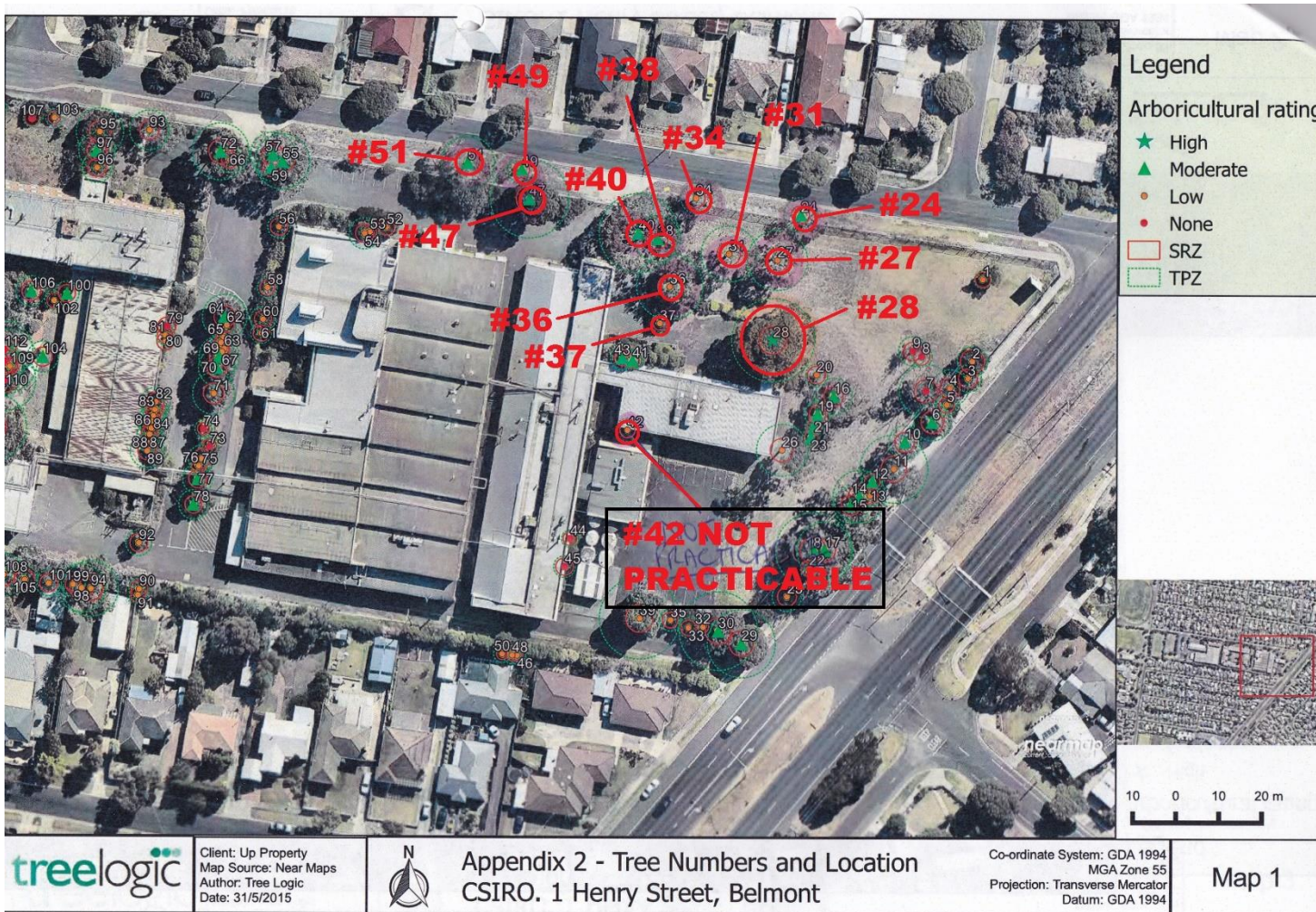


Plate 3 – Aerial view of site with location of trees in question highlighted in red (Tree Report – Tree Logic, Mark up (numbers) - Monaco Hickey)

3.0. Documents relevant to this report

- AS4373-2007 – Pruning of Amenity Trees
- Arboricultural Report 14_5849_CSIRO_01/06/2015 (Tree Logic)
- Arboricultural Report 14 V.3_5849_CSIRO 23/03/2016 (Tree Logic)

4.0. Observations

At the time of inspection the site demolition was almost complete. All buildings and structures appear to have been removed, including concrete carparks, fence footings, drains, etc. Debris is currently still being removed from the site. Tree Logic's reports indicate the nature of the site as being highly disturbed due to its past history as a Chemical Research Facility. Regarding the trees in question located within the site, these appear to have been planted or self-sown very close to structures recently removed (carparks, fence footings, etc.). Tree Logic specifically mention within the report dated 23/03/2016 that retention of high and moderate value trees may be difficult due to the required removal of such structures (concrete, etc., located within TPZs and SRZs).

These aforementioned reports also indicate the importance of installing Tree Protection Zones around trees to be retained in order to protect these from physical damage. The reports also dissuade any excavation within TPZ & SRZ, although acknowledge this may be necessary during demolition. On viewing the site, two trees assessed (28 & 36) had physical tree protection barriers installed, the others did not. It is also clear that trees without Tree Protection Zones have required substantial removal of material within their TPZs. This removal of material (TPZ encroachment) is considered major encroachment (more than 10% of TPZ area), however little damage has occurred despite this.

Two main structures were identified as recently removed - a line of footings/drain running West-East (within the TPZs of Tree# 31,38,40,47) and a significant amount of concrete from an old carpark located within the TPZ of Tree #28. Although excavation has taken place within the TPZs of these trees, damage observed to roots is minimal and has not visually impacted upon tree health, vitality or structure at this current time. Despite the lack of Tree Protection Zones around the trees aforementioned, no trunk or branch damage due to demolition works was observed or identified.

Trees located within the nature strip area of Henry Street, Belmont were unaffected by demolition works.

5.0. Trees Assessed

Of the thirteen trees marked within Plate 1 for assessment, only eleven were assessed. Tree #42 marked “Not Practicable” was been previously removed as a necessity of demolition. Similarly, Tree #37 was not found to be present and was most likely removed as a necessity of demolition.

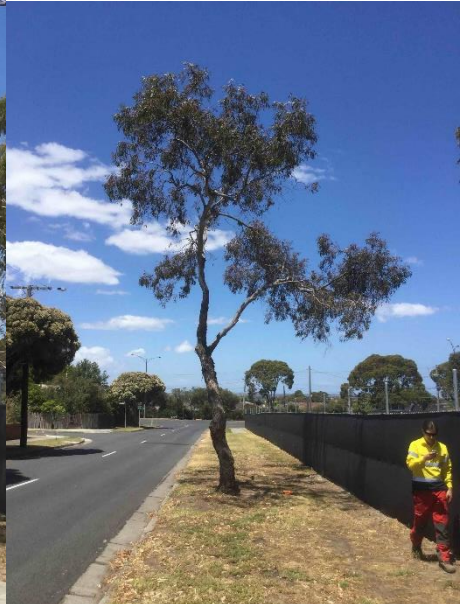
Seven trees located within the fenced area of the site were assessed. These, despite major encroachment within their TPZs in the form of soil disturbance (removal of concrete etc.), were found to be in a similar condition as originally observed (Tree Logic’s reports) with no observable impact to tree structure, condition or health as a result of incursion. The reason for this lack of observable root damage is most likely due to tree development and growth around existing structures, resulting in a lack of roots where these structures were. Concerns expressed to the author regarding browning of isolated foliage within the Northern aspect of the canopy of Tree #28 was identified as minor Psyllid damage. This damage is not considered serious at this time or related to the demolitions works.

Four trees located on the Henry Street, Belmont nature strip were assessed and found to be in a similar condition as originally observed (Tree Logic’s reports). No damage to the nature strip or trees due to demolition works was observed.

TREE	C.N	B.N	AGE	HEIGHT	DBH	DAB	TPZ	SRZ	HEALTH AND CONDITION
28	Yellow Gum	<i>Eucalyptus leucoxylon</i>	Maturing	19m	0.82m	1.09m	9.84m	3.43m	As originally assessed – Good
24	Yellow Gum	<i>Eucalyptus leucoxylon</i>	Early maturity	9m	0.33m	0.39m	3.96m	2.23m	As originally assessed – Good
27	Manna Gum	<i>Eucalyptus viminalis</i>	Maturing	12m	0.62m	0.71m	7m	2.7m	As originally assessed – Good
31	Manna Gum	<i>Eucalyptus viminalis</i>	Maturing	16m	0.56m	0.70m	6.72m	2.85m	As originally assessed – Average
34	Yellow Gum	<i>Eucalyptus leucoxylon</i>	Early maturity	11m	0.30m	0.37m	3.6m	2.18m	As originally assessed – Good
36	Weeping Willow	<i>Salix babylonica</i>	Maturing	14m	0.64m	0.70m	7.68m	2.85m	As originally assessed – Average
38	Lemon Scented Gum	<i>Corymbia citriodora</i>	Approaching mature	19m	0.45m	0.54m	5.4m	2.55m	As originally assessed – Average
40	Lemon Scented Gum	<i>Corymbia citriodora</i>	Maturing	22m	0.80m	0.86m	9.6m	3.11m	As originally assessed – Good
47	Rough Barked Apple	<i>Angophora floribunda</i>	Maturing	16m	0.78m	1.10m	9.36m	3.44m	As originally assessed – Good
49	Yellow Gum	<i>Eucalyptus leucoxylon</i>	Early maturity	15m	0.28m	0.27m	3.36m	1.19m	As originally assessed – Good
51	Yellow Gum	<i>Eucalyptus leucoxylon</i>	Early maturity	15m	0.55m	0.65m	6.6m	2.76m	As originally assessed – Good



Images – Above left, Tree #38, above centre, Tree #27, above right, Tree #31, centre left, Tree #40, centre centre, Tree#36, centre right, Tree #47, below left, Tree #28



Images – Above left, Tree #51, above centre, Tree #34, above right, Tree #24, below left, Tree #49

6.0. Conclusion

In conclusion, trees were of acceptable condition for continued retention despite major encroachment via soil disturbance and excavation within the Tree Protection Zones of seven of the eleven trees assessed. As stated within Tree Logic's report, retention of these trees would have been difficult due to aspects of the site (carparks, etc.) requiring demolition and removal. Despite these constraints on tree retention, in the authors' opinion, site management and contractors throughout the demolition process have so far tried where possible to limit damage to trees marked for retention. Removal of material within Tree Protection Zones was clearly necessary, yet has resulted in limited observable damage and/or impact on tree health and condition. All trees assessed presented as originally assessed within Tree Logic's reports. The author recommends continued tree protection efforts and reassessment as required as the demolition process continues.



7.0. Tree data sheets

future tree HEALTH				Detailed Tree Assessment	
DETAILS				ASSESSOR - Ryan Roche	DATE 20/12/16
				SITE - CSIRO Research	
CLIENT	Rafferty The Wrecker			TARGET/s	DESCRIPTION
PROPERTY	11 Henry St, Belmont			1	N/A
TREE LOCATION	11 Henry St, Belmont			2	
TREE#	38			3	
B/N	<i>Corymbia citriodora</i>			PRIOR WORKS	None evident
C/N	Lemon Scented Gum				
DBH (1.4m)	0.45m	TPZ	5.4m	SITE FACTORS	
DAB	0.54m	SRZ	2.55m	Suurban location within demolition site of old CSIRO Research facility	
HEIGHT	19m			Planted as one of a large number of trees	
SPREAD N/S	11.7m			PEST	None evident
SPREAD E/W	9.3m			PATHOGEN	None evident
TOTAL C/S	10.5m				
APPROX AGE	Approaching mature				
STRUCTURE				HEALTH	3
CANOPY	Sparse, asymmetrical			ARB VALUE	2
TRUNK	Ok			STR QUALIFIER	2
BRANCHES	One breakage, otherwise ok			TREE IMAGES	
LEAVES	Ok				
ROOTS	Trenching within TPZ. Minor root damage but not of structural concern				
FORM	Poor - leaning East				
COMMENTS	In poor/fair health - but in same condition as originally assessed				
RECOMMENDATIONS				RISK RATING	SEE MATRIX SEE BELOW
	Retain - Average health			Low	
				RESIDUAL RISK	N/A



future tree HEALTH				Detailed Tree Assessment	
DETAILS		ASSESSOR - Ryan Roche		DATE	20/12/16
CLIENT		SITE -		CSIRO Research	
CLIENT	Rafferty The Wrecker	TARGET/s	DESCRIPTION		
PROPERTY	11 Henry St, Belmont	1	N/A		
TREE LOCATION	11 Henry St, Belmont	2			
TREE#	28	3			
B/N	<i>Eucalyptus leucoxylon</i>	PRIOR WORKS	Minor branch breakage and pruning		
C/N	Yellow Gum				
DBH (1.4m)	0.82m	TPZ	9.84m	SITE FACTORS	
DAB	1.09m	SRZ	3.43m	Suurban location within demolition site of old CSIRO Research facility	
HEIGHT	19m	Planted as one of a large number of trees			
SPREAD N/S	17.3m				
SPREAD E/W	17.5m	PEST	Minor Psyllid Damage		
TOTAL C/S	17.4m	PATHOGEN	None evident		
APPROX AGE	Maturing				
STRUCTURE		HEALTH	1		
CANOPY	Good, symmetrical	ARB VALUE	1		
TRUNK	Intact	STR QUALIFIER	2		
BRANCHES	Intact	TREE IMAGES			
LEAVES	Minor Psyllid damage				
ROOTS	Minor excavation within TPZ but no damage observed				
FORM	Spreading as per species				
COMMENTS	Excavation appears to be car park removal (concrete) No root damage evident				
RECOMMENDATIONS	RISK RATING	SEE MATRIX SEE BELOW			
Retain - Good health	Low				
	RESIDUAL RISK	N/A			



future tree HEALTH				Detailed Tree Assessment	
DETAILS		ASSESSOR - Ryan Roche		DATE	20/12/16
CLIENT		SITE -		CSIRO Research	
PROPERTY	11 Henry St, Belmont	TARGET/s	DESCRIPTION		
TREE LOCATION	11 Henry St, Belmont	1	N/A		
TREE#	31	2			
B/N	<i>Eucalyptus viminalis</i>	3			
C/N	Manna Gum	PRIOR WORKS	None evident		
DBH (1.4m)	0.56m	TPZ	6.72m	SITE FACTORS	
DAB	0.70m	SRZ	2.85m	Suurban location within demolition site of old CSIRO Research facility	
HEIGHT	16m	Planted as one of a large number of trees			
SPREAD N/S	8m				
SPREAD E/W	5.5m	PEST	None evident		
TOTAL C/S	6.75m	PATHOGEN	Wood borer damage		
APPROX AGE	Maturing				
STRUCTURE		HEALTH	2		
CANOPY	Sparse, asymmetrical	ARB VALUE	2		
TRUNK	Poor - borer damage	STR QUALIFIER	3		
BRANCHES	Intact - poor unions	TREE IMAGES			
LEAVES	Ok				
ROOTS	Trenching within TPZ. Minor root damage				
FORM	Poor - leaning North				
COMMENTS					
Trenching does not appear to have impacted on health of tree					
RECOMMENDATIONS		RISK RATING	SEE MATRIX SEE BELOW		
Retain - Average health		Low			
		RESIDUAL RISK	N/A		



future tree HEALTH				Detailed Tree Assessment	
DETAILS				ASSESSOR - Ryan Roche	
CLIENT		Rafferty The Wrecker		DATE 20/12/16	
PROPERTY		11 Henry St, Belmont		SITE - CSIRO Research	
TREE LOCATION		11 Henry St, Belmont			
TREE#		36			
B/N		<i>Salix babylonica</i>		PRIOR WORKS Poor pruning practices	
C/N		Weeping Willow			
DBH (1.4m)		0.64m		SITE FACTORS	
DAB		0.70m		Suurban location within demolition site of old CSIRO Research facility	
HEIGHT		14m		Planted as one of a large number of trees	
SPREAD N/S		15.9m			
SPREAD E/W		10.8m		PEST None evident	
TOTAL C/S		13.35m		PATHOGEN None evident	
APPROX AGE		Maturing			
STRUCTURE				HEALTH 3	
CANOPY		Sparse, asymmetrical		ARB VALUE 3	
TRUNK		Minor hollows - ok		STR QUALIFIER 3	
BRANCHES		Moderate deadwood - poor vitality		TREE IMAGES	
LEAVES		Ok			
ROOTS		Trenching within TPZ. Minor root damage			
FORM		Poor - leaning North			
COMMENTS		In poor health - but in same condition as originally assessed TPZ intact - no serious breach resulting in any damage			
RECCOMENDATIONS				RISK RATING SEE MATRIX SEE BELOW	
Retain - Average health				Low	
				RESIDUAL RISK	
				N/A	



future tree HEALTH				Detailed Tree Assessment	
DETAILS		ASSESSOR - Ryan Roche		DATE	20/12/16
		SITE -		CSIRO Research	
CLIENT	Rafferty The Wrecker		TARGET/s	DESCRIPTION	
PROPERTY	11 Henry St, Belmont		1	N/A	
TREE LOCATION	11 Henry St, Belmont		2		
TREE#	40		3		
B/N	Corymbia citriodora		PRIOR WORKS	None evident	
C/N	Lemon Scented Gum				
DBH (1.4m)	0.80m	TPZ	9.6m	SITE FACTORS	
DAB	0.86m	SRZ	3.11m	Suurban location within demolition site of old CSIRO Research facility	
HEIGHT	22m		Planted as one of a large number of trees		
SPREAD N/S	18.5m				
SPREAD E/W	12.8m		PEST	None evident	
TOTAL C/S	15.65m		PATHOGEN	None evident	
APPROX AGE	Maturing				
STRUCTURE			HEALTH	2	
CANOPY	Sparse, asymmetrical		ARB VALUE	2	
TRUNK	Ok - tight unions from 1.4m		STR QUALIFIER	2	
BRANCHES	Thin but ok		TREE IMAGES		
LEAVES	Ok				
ROOTS	Trenching within TPZ. Minor root damage but not of structural concern				
FORM	Poor - cramped unions				
COMMENTS					
In fair health - but in same condition as originally assessed					
No evident decline or damage due to trenching					
RECOMMENDATIONS			RISK RATING	SEE MATRIX SEE BELOW	
Retain - Average health			Low		
			RESIDUAL RISK	N/A	




future tree HEALTH				Detailed Tree Assessment	
DETAILS		ASSESSOR - Ryan Roche		DATE	20/12/16
		SITE -		CSIRO Research	
CLIENT	Rafferty The Wrecker		TARGET/s	DESCRIPTION	
PROPERTY	11 Henry St, Belmont		1	N/A	
TREE LOCATION	11 Henry St, Belmont		2		
TREE#	51		3		
B/N	<i>Eucalyptus leucoxydon</i>		PRIOR WORKS	Moderate pruning - wounds sealing	
C/N	Yellow Gum				
DBH (1.4m)	0.55m	TPZ	6.6m	SITE FACTORS	
DAB	0.65m	SRZ	2.76m	Suurban location within demolition site of old CSIRO Research facility	
HEIGHT	15m		Planted as one of a large number of trees		
SPREAD N/S	11m				
SPREAD E/W	19m		PEST	None evident	
TOTAL C/S	15m		PATHOGEN	None evident	
APPROX AGE	Maturing				
STRUCTURE			HEALTH	1	
CANOPY	Full		ARB VALUE	1	
TRUNK	Ok - twisted as per species		STR QUALIFIER	1	
BRANCHES	Good		TREE IMAGES		
LEAVES	Ok				
ROOTS	No issues identified				
FORM	As per species - good				
COMMENTS					
Healthy Yellow Gum on naturestrip					
RECOMMENDATIONS			RISK RATING	SEE MATRIX SEE BELOW	
Retain - Good health			Low		
			RESIDUAL RISK	N/A	



future tree HEALTH				Detailed Tree Assessment	
DETAILS				ASSESSOR - Ryan Roche	DATE 20/12/16
				SITE -	CSIRO Research
CLIENT	Rafferty The Wrecker			TARGET/s	DESCRIPTION
PROPERTY	11 Henry St, Belmont			1	N/A
TREE LOCATION	11 Henry St, Belmont Naturestrip			2	
TREE#	49			3	
B/N	<i>Eucalyptus leucoxylon</i>			PRIOR WORKS	None evident
C/N	Yellow Gum				
DBH (1.4m)	0.28m	TPZ	3.36m	SITE FACTORS	
DAB	0.27m	SRZ	1.19m	Suurban location within demolition site of old CSIRO Research facility	
HEIGHT	15m			Planted as one of a large number of trees	
SPREAD N/S	3.5m				
SPREAD E/W	4.4m			PEST	None evident
TOTAL C/S	3.95m			PATHOGEN	None evident
APPROX AGE	Early maturity				
STRUCTURE				HEALTH	1
CANOPY	Thin, symmetrical			ARB VALUE	1
TRUNK	Ok			STR QUALIFIER	1
BRANCHES	Ok			TREE IMAGES	
LEAVES	Ok				
ROOTS	No issues identified				
FORM	As per species - good				
COMMENTS	Healthy Yellow Gum on naturestrip				
RECCOMENDATIONS				RISK RATING	SEE MATRIX SEE BELOW
	Retain - Good health			Low	
				RESIDUAL RISK	N/A




future tree HEALTH				Detailed Tree Assessment	
DETAILS		ASSESSOR - Ryan Roche		DATE	20/12/16
		SITE -		CSIRO Research	
CLIENT	Rafferty The Wrecker		TARGET/s	DESCRIPTION	
PROPERTY	11 Henry St, Belmont		1	N/A	
TREE LOCATION	11 Henry St, Belmont Naturestrip		2		
TREE#	34		3		
B/N	<i>Eucalyptus leucoxylon</i>		PRIOR WORKS	None evident	
C/N	Yellow Gum				
DBH (1.4m)	0.30m	TPZ	3.6m	SITE FACTORS	
DAB	0.37m	SRZ	2.18m	Suurban location within demolition site of old CSIRO Research facility	
HEIGHT	11m		Planted as one of a large number of trees		
SPREAD N/S	6.4m				
SPREAD E/W	7.6m		PEST	None evident	
TOTAL C/S	7m		PATHOGEN	None evident	
APPROX AGE	Early maturity				
STRUCTURE			HEALTH	1	
CANOPY	Full, symmetrical		ARB VALUE	1	
TRUNK	Ok		STR QUALIFIER	1	
BRANCHES	Ok		TREE IMAGES		
LEAVES	Ok				
ROOTS	No issues identified				
FORM	As per species - good				
COMMENTS	Healthy Yellow Gum on naturestrip				
RECCOMENDATIONS			RISK RATING	SEE MATRIX SEE BELOW	
Retain - Good health			Low		
			RESIDUAL RISK	N/A	

future tree HEALTH				Detailed Tree Assessment	
DETAILS		ASSESSOR - Ryan Roche		DATE 20/12/16	
		SITE -		CSIRO Research	
CLIENT	Rafferty The Wrecker		TARGET/s	DESCRIPTION	
PROPERTY	11 Henry St, Belmont		1	N/A	
TREE LOCATION	11 Henry St, Belmont Naturestrip		2		
TREE#	24		3		
B/N	<i>Eucalyptus leucoxydon</i>		PRIOR WORKS	None evident	
C/N	Yellow Gum				
DBH (1.4m)	0.33m	TPZ	3.96m	SITE FACTORS	
DAB	0.39m	SRZ	2.23m	Suurban location within demolition site of old CSIRO Research facility	
HEIGHT	9m		Planted as one of a large number of trees		
SPREAD N/S	10.10m				
SPREAD E/W	9m		PEST	None evident	
TOTAL C/S	9.55m		PATHOGEN	None evident	
APPROX AGE	Early maturity				
STRUCTURE			HEALTH	1	
CANOPY	Full, asymmetrical		ARB VALUE	1	
TRUNK	Ok		STR QUALIFIER	1	
BRANCHES	Ok		TREE IMAGES		
LEAVES	Ok				
ROOTS	No issues identified				
FORM	As per species - good				
COMMENTS					
Healthy Yellow Gum on naturestrip					
RECCOMENDATIONS			RISK RATING	SEE MATRIX SEE BELOW	
Retain - Good health			Low		
			RESIDUAL RISK	N/A	



future tree HEALTH				Detailed Tree Assessment	
DETAILS				ASSESSOR - Ryan Roche	
CLIENT Rafferty The Wrecker				DATE 20/12/16	
PROPERTY 11 Henry St, Belmont				SITE - CSIRO Research	
TREE LOCATION 11 Henry St, Belmont					
TREE# 27					
B/N <i>Eucalyptus viminalis</i>				PRIOR WORKS Lopping	
C/N Manna Gum					
DBH (1.4m) 0.62m TPZ 7m				SITE FACTORS	
DAB 0.71m SRZ 2.7m				Suurban location within demolition site of old CSIRO Research facility	
HEIGHT 12m				Planted as one of a large number of trees	
SPREAD N/S 11.9m					
SPREAD E/W 10.6m				PEST None evident	
TOTAL C/S 11.25m				PATHOGEN None evident	
APPROX AGE Maturing					
STRUCTURE				HEALTH 1	
CANOPY Good, asymmetrical				ARB VALUE 2	
TRUNK Intact - lopped at 5m				STR QUALIFIER 2	
BRANCHES Intact				TREE IMAGES	
LEAVES Ok					
ROOTS Trenching within TPZ. Minor root damage					
FORM Lopped, reestablished					
COMMENTS					
Trenching does not appear to have impacted on health of tree					
RECCOMENDATIONS				RISK RATING SEE MATRIX SEE BELOW	
Retain - Good health				Low	
				RESIDUAL RISK	
				N/A	

future tree HEALTH				Detailed Tree Assessment	
DETAILS		ASSESSOR - Ryan Roche		DATE	20/12/16
CLIENT		Rafferty The Wrecker		SITE -	CSIRO Research
PROPERTY	11 Henry St, Belmont	TARGET/s	DESCRIPTION		
TREE LOCATION	11 Henry St, Belmont	1	N/A		
TREE#	47	2			
B/N	<i>Angophora floribunda</i>	3			
C/N	Rough Barked Apple	PRIOR WORKS		None evident	
DBH (1.4m)	0.78m	TPZ	9.36m		
DAB	1.10m	SRZ	3.44m		
HEIGHT	16m	SITE FACTORS		Suurban location within demolition site of old CSIRO Research facility Planted as one of a large number of trees	
SPREAD N/S	18.5m	PEST		None evident	
SPREAD E/W	12.8m	PATHOGEN		None evident	
TOTAL C/S	15.65m	HEALTH		1	
APPROX AGE	Maturing	ARB VALUE		1	
STRUCTURE		STR QUALIFIER		1	
CANOPY	Full	TREE IMAGES			
TRUNK	Ok - tight unions from 1.4m				
BRANCHES	Thin but ok				
LEAVES	Ok				
ROOTS	Soil disturbance with some root damage - no decline evident				
FORM	Poor - leaning East				
COMMENTS					
No evident decline or damage due to minor soil disturbance within root zone					
RECCOMENDATIONS		RISK RATING	SEE MATRIX SEE BELOW		
Retain - Good health		Low			
		RESIDUAL RISK	N/A		

8.0. References

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