

Environmental Advisory Committee Meeting

6 December 2021 Minutes

To: Environmental Advisory Committee Members and Councillors

Here within are the Meeting Minutes of the Museum Advisory Committee meeting, held on the abovementioned date in the Council Chambers at the Shire of Toodyay, 15 Fiennes Street, Toodyay.

Suzie Haslehurst

CHIEF EXECUTIVE OFFICER

1000



Preface

These Minutes will remain "Unconfirmed" until the next Committee Meeting, where the Minutes will be tabled and confirmed subject to any amendments made by the Committee.

The "Confirmed" Minutes are then signed off by the Chairperson.

Attachments that formed part of the Agenda, in addition to those tabled at the Meeting are incorporated into a separate attachment to these Minutes

Distribution

These minutes were approved for distribution on 7 December 2021.

Confirmation

These minutes of meeting were confirmed at a meeting held on 2.5×2022

Signed: Philip D Hart

Note: The Presiding Member at the meeting at which the minutes were

confirmed is the person who signs above.



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1. DECLARATION OF OPENING

Hugo de Vos declared the meeting open at 4.09pm.

1.1 Election of a Chairperson

Date of Report:	17 November 2021									
File Reference: Environmental Advisory Committee (COC14)										
Author:	M Rebane – Executive Assistant									
Responsible Officer:	H de Vos – Acting Manager Development and Regulatory Services									
Attachments:	Nil									

PURPOSE

To elect the position of Presiding Member of the Committee and if the Committee so chooses, a Deputy Presiding Member.

BACKGROUND

At the Ordinary Council Meeting held on 23 November 2021 Council resolved the appointment of delegates to the Environmental Advisory Committee (Resolution No 245/11/21) as follows:

That Council appoints, in accordance with s.5.10 of the Local Government Act 1995, the following representatives onto the Environmental Advisory Committee:

1. Four elected members (two primary and two deputy)

Primary: Cr Madacsi, Cr Hart and Cr Wrench

Deputy: Cr McCormick

- 2. The following community members:
 - Josephine Hart
 - Elaine Hall
 - Brian Foley
- 3. The Manager Planning and Development as the CEO's Representative in accordance with section 5.10(5) of the Local Government Act 1995.
- 4. The Reserves Management Officer.

At the same meeting Council endorsed a Committee Book for the Shire of Toodyay which is on the Shire website at this link:

https://www.toodyay.wa.gov.au/Profiles/toodyay/Assets/ClientData/Documents/Committees/Committee Book for Shire 2021 .pdf .

OFFICER COMMENT

The Acting Manager Development and Regulatory Services (aka Planning and Development) as the CEO's Representative in accordance with section 5.10(5) of



the *Local Government Act 1995*.will act as the Presiding Member in accordance with the *Local Government Act 1995* and preside over the meeting until the election of the Presiding Member has been completed.

If there is more than one nomination for either position, members are to vote on the matter by secret ballot as if they were electors voting at an election.

DECLARATION 1 – ENVIRONMENTAL ADVISORY COMMITTEE PRESIDING MEMBER

The EAC Elects as Presiding Member.

DECLARATION 2 - ENVIRONMENTAL ADVISORY COMMITTEE DEPUTY PRESIDING MEMBER

The EAC:

- 1. Elects as Deputy Presiding Member; OR
- 2. Elected to nominate a Deputy Presiding Member when the Presiding Member is not available.

J Hart nominated Cr P Hart as the Chairperson.

Cr P Hart accepted the nomination.

There being no further nomination Cr P Hart was declared the Presiding Member at 4.11pm, and assumed the Chair.

DECLARATION 1 – ENVIRONMENTAL ADVISORY COMMITTEE PRESIDING MEMBER

The EAC Elects Cr Hart as Presiding Member.

J Hart nominated B Foley as Deputy Presiding Member.

B Foley accepted the nomination.

There being no further nomination B Foley was declared the Deputy Presiding Member.

DECLARATION 2 - ENVIRONMENTAL ADVISORY COMMITTEE DEPUTY PRESIDING MEMBER

The EAC elects B Foley as Deputy Presiding Member.



1.2 Announcement of Visitors

1.2.1 Lot 107 Nockdomine Road Dumbarton Presentation

Date of Report:	1 December 2021										
File Reference:	Environmental Advisory Committee (COC14)										
Author:	M Rebane – Executive Assistant										
Responsible Officer:	H de Vos – Acting Manager Development and Regulatory Services										
Attachments:	Nil										

PURPOSE

To be present for a presentation from a landowner.

BACKGROUND

Justin Von Perger has been in communication with Officers in relation to Lot 107 Nockdomine Road, Dumbarton.

Mr Von Perger would like to present his vision and ideas for the property to the Environmental Advisory Committee Meeting.

A formal Development Application will be submitted in February 2022, but the presentation will allow him to talk about his innovative land management processes intended for the property. Mr Von Perger is seeking feedback from the EAC.

OFFICER COMMENT

Officers consider this is something that ought to be showcased and the general discussion going forward is that the owner might be introducing processes which should become good practice for the wider community. Whilst this initial discussion will be for one property, the intent is to raise awareness at a wider community level. Below are the areas relevant to the terms of reference for the EAC in this instance.

- Native vegetation and landscape;
- Biodiversity protection and enhancement;
- Environmental sustainability;
- Climate change impact adaptation and mitigation.

DECLARATION

H de Vos advised that Mr Von Perger was absent today due to illness however a presentation will be brought to a Council Forum after the Agenda Briefing in February 2022.



1.3 Record of Attendance and Apologies

Members

Cr P Hart Elected Chair / Council Member

Cr R Madacsi Council Member

Mrs J Hart Community Member
Mr B Foley Community Member

Staff

Mr H de Vos A/Manager Development & Regulatory Services

Mr G Warburton Reserves Management Officer

Mrs M Rebane Executive Assistant

Apologies

Cr D Wrench Council Member

DECLARATION

Mrs E Hall is marked as an apology to this meeting, due to her invitation to attend not having been sent to her email.

Visitors

Nil

1.4 Disclosure of Interest

Nil.

2. MINUTES AND ADDITIONAL INFORMATION

2.1 Confirmation of Minutes

OFFICER'S RECOMMENDATION/EAC RES. NO. 11/12/21

MOVED Cr R Madacsi

SECONDED J Hart

That the Unconfirmed Minutes of the Environmental Advisory Committee Meeting held on 7 September 2021 be confirmed.

MOTION CARRIED 4/0

2.2 Review of Status Report

It was noted that the status report had nothing on it however through discussion it was updated.

2.3 Inward/Outward Correspondence

Nil



3. BUSINESS LEFT OVER FROM PREVIOUS MEETING (if adjourned) Nil.

4. OFFICER REPORTS

4.1 Lot 3 (No. 34) Stirling Terrace, Toodyay – Proposed removal of mature trees.

Date of Report:	30 November 2021
File Reference:	Environmental Advisory Committee (COC14)
Author:	H de Vos – Acting Manager Development and Regulatory Services
Responsible Officer:	H de Vos – Acting Manager Development and Regulatory Services
Attachments:	 Map – Lot 3 (No. 34) Stirling Terrace, Toodyay Arborist Report

PURPOSE

To review a request from Cheryl Jean for permission to remove four (4) mature trees from her property at Lot 3 (No. 34) Stirling Terrace, Toodyay.

BACKGROUND

Cheryl Jean has recently taken ownership of Lot 3 (No. 34) Stirling Terrace in Toodyay. This property was recently subdivided and the heritage building on the land is known as 'The Ship'.

The property is also within the Roman Catholic Church Group which has been included in the State Register of Heritage Places (Place No. 4125) since 2019.

Ms Jean has approached the Shire of Toodyay seeking advice and possible permission to remove up to four (4) mature trees from the property.

The details of the trees are as follows:

Number	Species	Common Name	Location
1	Corymbia citriodora	Lemon-scented gum	Dwelling
2	Corymbia citriodora	Lemon-scented gum	Dwelling



Number	Species	Common Name	Location
3	Eucalyptus camaldulensis	River red gum	Dwelling / Driveway
4	Eucalyptus sideroxylon	Mugga ironbark	Tennis Court

For more details of the tree location, please refer to Attachment 1 – Map.

Ms Jean's primary justification for the request is regarding safety and risk associated with the trees or branches falling – particularly the potential damage to the significant heritage structure.

The proposal was briefly discussed (informally) at the previous meeting of the Environmental Advisory Committee in September 2021 where it was suggested that further advice be sought from the Heritage Council and that the Ms Jean engages an arborist to provide a report regarding the status of the trees.

CONSULTATION

Heritage Council of Western Australia

Advice was sought from the Heritage Council of Western Australia (HCWA) regarding the proposed tree removal in relation to the heritage significance of the place. The HCWA provided:

"The heritage buildings at the site are set in an open landscape setting with informal plantings and mature trees, of which the subject trees form part of. The trees fronting Stirling Street also screen the building, allowing only glimpses to the buildings behind.

The trees form an established setting for the heritage buildings, and we therefore would encourage the owner to retain and prune the trees if possible."

Refer to the Report from Arborist.

OFFICER COMMENT

The principal consideration is any impact to the streetscape and character of the precinct and townsite in general - that may arise from the removal of one or more of these trees. Given their maturity and prominent location, any decision to remove should be backed up by demonstrated evidence that there is no other alternative solution.

Legal framework

This proposal is considered development in accordance with the definition provided under s. 4(c)(i) of the *Planning and Development Act 2005*:

development means the development or use of any land, including —

- (c) in the case of a place to which a protection order made under the Heritage Act 2018 Part 4 Division 1 applies, any act or thing that
 - i. is likely to change the character of that place or the external appearance of any building.



Therefore, a formal application will be required by Ms Jean, and Council will be guided inter alia, by advice given on the proposal from the Environmental Advisory Committee.

OFFICER'S RECOMMENDATION

The EAC recommends to Council the following:

That Council:

- 1. Approves the application for the removal of the River Red Gum (Tree 3) as indicated in the attached plans.
- 2. Does not approve the removal of the Lemon-Scented Gums (Tree 1 & 2) and the Mugga ironbark.
- 3. Supports the remedial measures such as branch removal for Trees 1, 2 & 4 as indicated in the report from the arborist attached to this report.

Clarification was sought.

Typographical error noted between Points 1 and 3 of the recommendation in that Tree 4 (Mugga ironbark) should be the one that was removed and not Tree 3 (River red gum).

Cr Madacsi moved a motion as follows:

The EAC recommends to Council the following:

That Council:

- 1. Approves the application for the removal of the Mugga ironbark (Tree 4) as indicated in the attached plans.
- 2. Does not approve the removal of the Lemon-Scented Gums (Tree 1 & 2) nor the removal of the River Red Gum (Tree 3).
- 3. Supports the remedial measures such as branch removal for Trees 1, 2 & 3 as indicated in the report from the arborist attached to this report.

Further clarification was sought.

Cr Hart moved an amendment to the motion as follows:

That a new Point 4 be inserted to read as follows:

4. Advises the applicant consider the replacement of Tree 4 with native hedging or another native species indigenous to the area.

Cr Madacsi accepted the amendment to the substantive motion.

Further clarification was sought.

J Hart seconded the motion.

The motion was put.



OFFICER'S RECOMMENDATION/EAC RES. NO. 12/12/21

MOVED Cr R Madacsi

SECONDED J Hart

The EAC recommends to Council the following:

That Council:

- 1. Approves the application for the removal of the Mugga ironbark (Tree 4) as indicated in the attached plans.
- 2. Does not approve the removal of the Lemon-Scented Gums (Tree 1 & 2) nor the removal of the River Red Gum (Tree 3).
- 3. Supports the remedial measures such as branch removal for Trees 1, 2 & 3 as indicated in the report from the arborist attached to this report.
- 4. Advises the Applicant consider replacement of Tree 4 with native hedging or another native species indigenous to the area.

MOTION CARRIED 4/0

The Officer's Recommendation was amended through the amendment motion to fix typographical errors that had been noted.



4.2 Update on Community Verge Flora Survey

Date of Report:	1 December 2021										
File Reference:	Environmental Advisory Committee (COC14)										
Author:	H de Vos – Acting Manager Development and Regulatory Services										
Responsible Officer:	H de Vos – Acting Manager Development and Regulatory Services										
Attachments:	Nil										

PURPOSE

To update the Environmental Advisory Committee (EAC) on the progress of the Community Verge Flora Survey.

BACKGROUND

At the June 2021 EAC meeting, the committee resolved:

OFFICER'S RECOMMENDATION/EAC RES. NO. 07/06/21

The Environmental Advisory Committee recommends to Council the following: That Council:

- 1. Approves that the Environmental Advisory Committee will coordinate and run a staged community verge flora identification program by encouraging community participation through a variety of strategies that may include:
 - promotion through social media;
 - use of technology;
 - youth education and citizen science;
- 2. Endorses the objectives of the exercise and the expected outcomes of:
 - · enhancement of verge protection,
 - improving the opportunity for flora-based tourism; and
 - creation of a database resource for the community and the Shire to support future development and protection of the environment.
- 2. Noting that:
 - (a) stage 1 will commence from August 2021; and
 - (b) updates be provided to Council through Council Forums.

This recommendation was subsequently adopted by the Council at its Ordinary Council Meeting in July 2021.



OFFICER COMMENT

Whilst there is clear enthusiasm and drive within the committee to see this important project carried out, after an initial flurry of activity, there has not been a significant change in the status to date.

Despite having a concerted campaign devised and other tools created to facilitate the progress of the survey, there has only been minimal uptake from the community.

Moving into summer, the peak flora observation period has passed and therefore there will be little opportunity to see any significant reporting until seasonal conditions improve in 2022.

It is recommended that the EAC use this hiatus in the project to do further preparation and refinement of the project and plan in order to resume the survey in autumn 2022.

OFFICER'S RECOMMENDATION

The EAC recommends to Council the following:

That the EAC uses this hiatus in the Verge Flora project to do further preparation and refinement of the project and plan in order to resume the survey in autumn 2022

Clarification was sought.

Discussion ensued.

Cr Madacsi moved the Officer's Recommendation.

The motion was put.

OFFICER'S RECOMMENDATION/EAC RES. NO. 13/12/21

MOVED Cr R Madacsi

The EAC recommends to Council the following:

That the EAC uses this hiatus in the Verge Flora project to do further preparation and refinement of the project and plan in order to resume the survey in autumn 2022.

MOTION CARRIED 4/0



5. OTHER BUSINESS / NEW BUSINESS OF AN URGENT NATURE

Feral Pigs initiative – ongoing and appreciation of updates on a regular basis to the Committee from the RMO.

6. CONFIRMATION OF NEXT MEETING

The 2022 Schedule of meetings, commencing at 4.00pm and held on Wednesdays are below:

- 2 February 2022
- 4 May 2022
- 3 August 2022
- 3 November 2022

7. CLOSURE OF MEETING

The meeting closed at 4.58pm.

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Attachments to Minutes

Environmental Advisory Committee

6 December 2021

MIN	UTES AND ADDITIONAL INFORMATION	
2.2.	Review of Status Report	1
<u>OFF</u>	FICER REPORTS	
4.1	Lot 3 (No. 34) Stirling Terrace, Toodyay – Proposed Removal of mature trees	3
	Attachment 1 - Map – Lot 3 (No. 34) Stirling Terrace, Toodyay	3
	Attachment 2 - Arborist Report	5
4.2	Update on Community Verge Flora Survey	N/A
	Nil	

T: 9574 9300

E: records@toodyay.wa.gov.au

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EAC STATUS REPORT Environmental Advisory Committee

Acting Manager Development and





Meeting Date	Purpose	Resolution / Other Comment	Target date for completion	Actioned by	Completion Date	Meeting Commentary and record of Council Meeting Resolution No.
6/12/2021	Status Report	Acting Manager Development and Regulatory Services to liaise with Consultants engaged with respect to the Biodiversity Strategy.	By next meeting	AMDRS	T.B.A.	
6/12/2021	Record of Attendance and Apologies	Mrs E Hall is marked as an apology to this meeting, due to her invitation to attend not having been sent to her email.	ASAP	EA	7/12/202 1	Name and Email added to the Group and email sent to E Hall regarding the meeting (with the minutes attached).
6/12/2021	Lot 3 (No. 34) Stirling Terrace, Toodyay – Proposed removal of mature trees.	That Council: 1. Approves the application for the removal of the Mugga ironbark (Tree 4) as indicated in the attached plans. 2. Does not approve the removal of the Lemon-Scented Gums (Tree 1 & 2) nor the removal of the River Red Gum (Tree 3). 3. Supports the remedial measures such as branch removal for Trees 1, 2 & 3 as indicated in the report from the arborist attached to this report. 4. Advises the Applicant consider replacement of Tree 4 with native hedging or another native species indigenous to the area.	ASAP	AMDRS	T.B.A.	

EAC STATUS REPORTEnvironmental Advisory Committee

Supporting Officers AMDRS/RMO



Meeting Date	Purpose	Resolution / Other Comment	Target date for completion	Actioned by	Completion Date	Meeting Commentary and record of Council Meeting Resolution No.
6/12/2021	Update on Community Verge Flora Survey	That the EAC uses this hiatus in the Verge Flora project to do further preparation and refinement of the project and plan in order to resume the survey in autumn 2022.	ASAP	AMDRS	T.B.A.	



Lot 3 (No. 34) Stirling Terrace, Toodyay



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International Society of Aboriculture Member 1041
Tree Guild of WA member 2302

Promoting Professional Tree Care

Certificate 3 Arboriculture
Po Box 70 Grass Valley WA 6403 0428950813
www.spectree.com.au
admin@spectree.com.au

24/11/2021 Cheryl Jean Lot 3 34 Stirling Tce Toodyay WA 6566

Dear Cheryl,

Thankyou for the opportunity to inspect your trees.

A basic tree risk assessment was carried out for each tree and is attached.

The primary objective of the site inspection was to:

Inspect and assess the current health, vigour, and structural form of 4 trees.

Assess and provide comment on any potential hazards that the specimen may represent to persons and property within its projected fall zone.

Tree hazard assessment incorporates a wide variety of criteria to assess the viability of retaining and successfully managing any given tree in an area of Potential Targets in view of the relevant legal and risk management responsibilities generally associated with tree ownership.

Predetermined criteria:

- Current health and condition from leaf inspection, overall canopy mass condition and the presence (or absence) of any pests/diseases which may have an adverse effect on tree health.
- Existing structural characteristics determined from visual inspection of the main stem, branch unions and root zone.
- Known natural characteristics of the specie
- Perceived future maintenance expense requirements
- Location of the tree within the site in view of potential targets and frequency of use of that area.

Three of the four trees inspected are healthy and provide good amenity value to the property. Tree 4 *eucalyptus sideroxylon* has a major stem failure, sapwood and heartwood decay and is recommended for removal. The remaining 3 trees are sufficiently healthy enough to retain with some pruning to be completed. Mitigation options are listed on each assessment.

Natural target pruning techniques must be carried out to A.S 4373 pruning of amenity trees 2007.

● Page 2 November 24, 2021

Disclaimer

The advice contained herein has been provided in good faith and based upon the material information available, provided, and pertinent at the time the advice was given.

Specialised Tree Service will not accept liability arising out of loss or damage that results from:

- Pertinent information not being available or withheld at the time this advice was provided.
- The provision of misleading or incorrect information to Specialised Tree Service upon which this advice was founded.
- The uses of this advice in circumstances or situations other than the specific subject of this advice.
- Failure by the client to follow this advice.
- The action(s) or inaction(s) of the client or any other party that gives rise to loss or damage to the subject of this advice.
- It is important to take into consideration that all trees are living organisms and as such there are many variables that can affect their health and structural properties that remain beyond the scope of reasonable management best practices or the advice provided in this report based on the visual inspection of the vegetation.
- As such a degree of risk will still remain with any given tree(s) despite the adoption of any best management practice or recommendation given in this report.

The information provided in this report may not be reissued or printed without Specialised Tree Service permission.

Cheers

Randle Beavis Director

Basic Tree Risk Assessment Form Date_15/11/2021 Time Client Cheryl Jean Tree no. 1 Sheet 1 of 2 Lot 3 / 34 Stirling Tce Toodyay Address/Tree location dbh 650mm Height 25mtr Crown spread dia. 14mtr Tree species corymbia citriodora Assessor(s) <u>David West</u> _____ Time frame 1hr Tools used Visual assesment **Target Assessment** get within 1.5 x Ht. Occupancy Practical to move target? within 1 x Ht. Target within drip line **Target** number Restriction practical? rate 1-rare **Target description** 2 - occasional 3 - frequent No 1 **Dwelling** 2 3 4 Site Factors History of failures Nothing noted from ground level visual inspection Site changes None ☑ Grade change ☐ Site clearing ☐ Changed soil hydrology ☐ Root cuts ☐ Describe ___ Soil conditions Limited volume ☐ Saturated ☐ Shallow ☐ Compacted ☐ Pavement over roots ☐ ______ % Describe __undisturbed Prevailing wind direction East Common weather Strong winds ☑ Ice ☐ Snow ☐ Heavy rain ☐ Describe Strong easterlies at certain times of the year Tree Health and Species Profile None (dead) ☐ Normal 75 % Chlorotic _____% Necrotic _____% Vigor Low □ Normal ☑ High □ Foliage None (seasonal) □ Abiotic Species failure profile Branches ☑ Trunk ☐ Roots ☐ Describe Can have epicormic branch failure, prone to shed small branches in summer Load Factors Relative crown size Small ☐ Medium ☑ Large ☐ Wind exposure Protected ☐ Partial ☑ Full ☐ Wind funneling ☐ ___ Crown density Sparse ☐ Normal ☑ Dense ☐ Interior branches Few ☐ Normal ☐ Dense ☑ Vines/Mistletoe/Moss ☐ ____ Recent or planned change in load factors Tree Defects and Conditions Affecting the Likelihood of Failure — Crown and Branches — LCR % Cracks □ _____ Lightning damage □ 5 % overall Max. dia. Codominant □ _____ Included bark □ Broken/Hangers Number _____ Max. dia. ___ Weak attachments Cavity/Nest hole ____% circ. Over-extended branches Similar branches present □ Previous branch failures ______ **Pruning history** Dead/Missing bark ☐ Cankers/Galls/Burls ☐ Sapwood damage/decay ☐ Crown cleaned Thinned Raised Conks Heartwood decay □ Topped Lion-tailed □ Reduced П Flush cuts Other Response growth ____ Main concern(s) Numerous rubbing limbs and branches Minor □ Moderate ☑ Significant □ _____ Load on defect N/A 🗆 Likelihood of failure | Improbable □ | Possible □ | Probable □ | Imminent □ _____ —Trunk — — Roots and Root Collar — Collar buried/Not visible ☐ Depth_____ Stem girdling ☐ Abnormal bark texture/color □ Dead/Missing bark □ Codominant stems Included bark Dead Decay Conks/Mushrooms Sapwood damage/decay ☐ Cankers/Galls/Burls ☐ Sap ooze ☐ Ooze Cavity \(\sum____\% circ. Lightning damage ☐ Heartwood decay ☐ Conks/Mushrooms ☐ Cracks ☐ Cut/Damaged roots ☐ Distance from trunk Cavity/Nest hole _____ % circ. Depth _____ Poor taper □ Root plate lifting □ Soil weakness Lean _____° Corrected? ______ Response growth _____ Response growth ___ Main concern(s) ____one codominant stem is growing into canopy Main concern(s) Load on defect N/A ☐ Minor ☐ Moderate ☐ Significant ☐ Load on defect N/A ☐ Minor ☐ Moderate ☐ Significant ☐

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Improbable
☐ Possible ☐

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Likelihood of failure

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Basic Tree Risk Assessment Form Date 15/11/2021

Address/Tree Tree species _ Assessor(s)	1 4						_ Date_	15/1	1/20	21_	Ti	_{me} 12 n	oon	
Tree species _ Assessor(s)	location <u>LOt</u>	3 34 Sti	rling Tce	Toodya	ıy			_ Tree	no	2		_ Sheet	1 of	
Assessor(s)	corymbia	citriodor	a		_dbh <u>_1mt</u>	r	_ Height	_28m	trs	_ Cro	wn sp	read dia	16mt	rs
	David We	st			Time fram	e <u> 1hr</u>		Tools	used_	V	<u>ısua</u>	assessi	<u>ment</u>	
				Ta	rget Assess	ment								
										rget zo			0.25	
Target number			Target d	lescription					Target within drip line	Target within 1 x Ht.	Target within 1.5 x Ht.	Occupancy rate 1-rare 2-occasional 3-frequent 4-constant	Practical to move target?	Restriction practical?
1	Dwelling										Yes	2	No	
2	2													
3												14		
4		- 2												
					Site Factor	'S								
History of failu	res						Ton	ograph	/ Flat	Slop	e□	%	Aspect	t
Wind exposure Crown density	profile Branches e Protected □ Pa Sparse □ Norma ned change in load	nrtial ☑ Full al ☑ Dense	☐ Wind fu	nneling r branches	Load Facto Few□ Nor	ors mal ☑ De	ense 🗆	Relativ	e crov	vn size	Sma			
Recent of plant	ned change in load		e Defects a	nd Condit	ions Affecti	ng the Li	kelihood	of Fail	ure					
				— Crow	n and Br	anches	_)
Dead twi Broken/H Over-exte Pruning I Crown cl Reduced Flush cut	leaned	8 % overa	Max. dia. Max. dia. Raised Lion-tai	□ □	Codomina Weak attac Previous b	nt □ chments [ranch faili ing bark [□ ures □ _ □ Cank Hea	ers/Galls	/Burls decay	_ (Cavity/ Similar Sapwo	Nest hole branches prod damage/	d bark [% cir resent ['decay [п с.
Load on Likelihoo	defect N/A		Minor □ Possible ☑	Moderat Probable	e Signifi	cant 🗆 _								- - - ノ
Codomin Sapwood	ssing bark □ ant stems □ I damage/decay □ I damage □ Hearty est hole % c	Included Cankers/Ga wood decay [mal bark text bark □ alls/Burls □ □ Conks/M	Cracks [Sap ooze [ushrooms [Poor taper [3 3 3	Dead C Ooze C Cracks C	uried/Not]]	visible [Decay [Cavity [amaged	De	epth (% cir	Conks/ c. stance	Mushrooms		

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를						9	number			Failu	ıre			Imp	act			rom N							Risk
Condition number	Tree par	t	Conditions of concerr	80	Part size	Fall distance	Target nur	Target protection	Improbable	Possible	Probable	Imminent	Very low	Low	Medium	High	Unlikely	Somewhat	Likely	Very likely	Negligible	Minor	Significant	Severe	rating of part (from Matrix 2)
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Basic Tree Risk Assessment Form Client Cheryl Jean Date 15/11/2021 Time Lot 3 / 34 Stirling Tce Toodyay ____ Tree no. __ 3 Sheet 1 of 2 Address/Tree location Tree species Eucalyptus camaldulensis sub specie Assessor(s) David West Time frame 1hr Tools used Visual assesment **Target Assessment** Target zone get within 1.5 x Ht. Occupancy Practical to move target? within 1x Ht. **Target** number t within line Restriction practical? rate 1-rare Target \ 2 - occasional **Target description** 3 - frequent No **Dwelling** 3 1 2 No Driveway 3 4 **Site Factors** History of failures 1 small Topography Flat☑ Slope☑ _____5 % Aspect East Site changes None ☑ Grade change ☐ Site clearing ☐ Changed soil hydrology ☐ Root cuts ☐ Describe __ Soil conditions Limited volume ☐ Saturated ☐ Shallow ☑ Compacted ☑ Pavement over roots ☐ ______% Describe Next to driveway Prevailing wind direction East Common weather Strong winds ☑ Ice ☐ Snow ☐ Heavy rain ☐ Describe Strong easterlies at certain times of the year Tree Health and Species Profile None (dead) ☐ Normal 70 % Chlorotic % Necrotic % Vigor Low □ Normal ☑ High □ Foliage None (seasonal) □ Abiotic Species failure profile Branches ☑ Trunk ☐ Roots ☐ Describe Specie has known charecteristics of sudden branch failure Load Factors Relative crown size Small ☐ Medium ☑ Large ☐ Wind exposure Protected ☐ Partial ☐ Full ☑ Wind funneling ☐ _ Crown density Sparse ☐ Normal ☑ Dense ☐ Interior branches Few ☑ Normal ☐ Dense ☐ Vines/Mistletoe/Moss ☐ ____ Recent or planned change in load factors Tree Defects and Conditions Affecting the Likelihood of Failure — Crown and Branches — LCR % Cracks □ _____ Lightning damage □ Unbalanced crown 5 % overall Max. dia. Dead twigs/branches □ Codominant □ _____ Included bark □ Broken/Hangers Number _____ Max. dia. ___ Weak attachments Cavity/Nest hole ____% circ. Over-extended branches Similar branches present □ Previous branch failures ______ **Pruning history** Dead/Missing bark ☐ Cankers/Galls/Burls ☐ Sapwood damage/decay ☐ Crown cleaned Thinned Raised Conks Heartwood decay □ Lion-tailed □ Reduced П Topped Flush cuts Other Response growth ____ Main concern(s) ____No real concerns or defects Minor □ Moderate □ Significant □ _____ Load on defect N/A 🗆 Likelihood of failure | Improbable □ | Possible □ | Probable □ | Imminent □ _____ —Trunk — — Roots and Root Collar — Collar buried/Not visible ☐ Depth_____ Stem girdling ☐ Abnormal bark texture/color ✓ Dead/Missing bark □ Codominant stems Included bark Dead Decay Conks/Mushrooms Sapwood damage/decay ☐ Cankers/Galls/Burls ☐ Sap ooze ☐ Ooze Cavity \(\sum____\% circ. Lightning damage ☐ Heartwood decay ☐ Conks/Mushrooms ☐ Cracks ☐ Cut/Damaged roots ☑ Distance from trunk Cavity/Nest hole _____ % circ. Depth _____ Poor taper □ Root plate lifting □ Soil weakness Lean _____° Corrected? ______ Response growth Response growth _____ Main concern(s) _ Main concern(s) ____

Load on defect N/A ☐ Minor ☐ Moderate ☐ Significant ☐

Probable

Imminent

Likelihood of failure

Improbable
☐ Possible ☐

Imminent

Load on defect N/A ☐ Minor ☑ Moderate ☐ Significant ☐

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Basic Tree Risk Assessment Form Date 15/11/2021 Time 2pm Short 1 Client Cheryl Jean

Address/Tree	location	<u>Lot 3 / 34 S</u>	tirling To	<u>e Toody</u>	/ay		Tree r				_ Sheet		
		ptus siderox	ylon		dbh_450mm	Heigh	t_ <u>11m</u>	tr	Crov	vn sp	read dia	8mtr	
Assessor(s)	David	West			Time frame 1	nr	_ Tools u	sed	\	/isua	al assesr	<u>nent</u>	
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Target	3		Target de	escription				Target within drip line	Target within 1 x Ht.	Target within 1.5 x Ht.	Occupancy rate 1-rare 2 - occasional 3 - frequent 4 - constant	8mtr nent No No Aspect free nes of the y crotic m La bark has	Restriction practical?
1													
2	Tennis	Court							V		2	No	
3											30		
4		77											
		Crown has failed			Site Factors								
Soil conditions	Limited volu	ume 🗆 Saturated I	☐ Shallow [Compact	hydrology ☐ Roo ted ☑ Pavement c ☑ Ice ☐ Snow ☐ Ith and Species P	ver roots □ I Heavy rai	1%	6 Des	cribe _	drive	eway 1 side of	of tree	year
Vigor Low ☐ Pests	Normal	High ☑ Foli	age None (s	easonal) 🗆	None (dead) Abiotic	□ Norm	al <u>70</u> %	6 C	hlorot	ic	% Ne	crotic _	
Species failure :	profile Bran	nches ☑ Trunk □	Roots□ D	escribe	Crown has fa	led							
					Load Factors								
Wind exposure	Protected	☐ Partial ☐ Full!	☑ Wind fur	neling 🗆 _			Relative	crow	n size	Sma	II☑ Mediu	m 🗆 L	arge [
		Tree			ons Affecting the		d of Failu	re					\
Dead twig	gs/branches	LCR 5_% overal mber	ll Max. dia.		BOLESON - 1-1						_ Included	bark []
	ended branch				Weak attachment								
Pruning h	nistory				Previous branch f Dead/Missing bar						Charles and the Charles of the Charles		
Crown cle Reduced Flush cut:		Thinned □ Topped □ Other	Raised Lion-tail	ed 🗆	Conks Response growth	Hea	artwood d	lecay	□_		ou damage/		
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