



## 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





## 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.

  
Suzie Haslehurst  
CHIEF EXECUTIVE OFFICER

## Confirmation

These minutes of meeting were confirmed at a meeting held on  
2 Feb 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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*ATTACHMENTS with separate index follows Item 7.*

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**1. DECLARATION OF OPENING**

Hugo de Vos declared the meeting open at 4.09pm.

**1.1 Election of a Chairperson**

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

<b>1.2.1 Lot 107 Nockdomine Road Dumbarton Presentation</b>	
<b>Date of Report:</b>	1 December 2021
<b>File Reference:</b>	Environmental Advisory Committee (COC14)
<b>Author:</b>	M Rebane – Executive Assistant
<b>Responsible Officer:</b>	H de Vos – Acting Manager Development and Regulatory Services
<b>Attachments:</b>	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
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#### **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.**

<b>Date of Report:</b>	30 November 2021
<b>File Reference:</b>	Environmental Advisory Committee (COC14)
<b>Author:</b>	H de Vos – Acting Manager Development and Regulatory Services
<b>Responsible Officer:</b>	H de Vos – Acting Manager Development and Regulatory Services
<b>Attachments:</b>	<ol style="list-style-type: none"> <li>1. Map – Lot 3 (No. 34) Stirling Terrace, Toodyay</li> <li>2. Arborist Report</li> </ol>

**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:

<b>Number</b>	<b>Species</b>	<b>Common Name</b>	<b>Location</b>
1	<i>Corymbia citriodora</i>	Lemon-scented gum	Dwelling
2	<i>Corymbia citriodora</i>	Lemon-scented gum	Dwelling

Number	Species	Common Name	Location
3	<i>Eucalyptus camaldulensis</i>	River red gum	Dwelling / Driveway
4	<i>Eucalyptus sideroxylon</i>	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.*



<b>4.2 Update on Community Verge Flora Survey</b>
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<b>Date of Report:</b>	1 December 2021
<b>File Reference:</b>	Environmental Advisory Committee (COC14)
<b>Author:</b>	H de Vos – Acting Manager Development and Regulatory Services
<b>Responsible Officer:</b>	H de Vos – Acting Manager Development and Regulatory Services
<b>Attachments:</b>	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.





# Attachments to Minutes

Environmental Advisory Committee

6 December 2021

## **MINUTES AND ADDITIONAL INFORMATION**

**2.2. Review of Status Report** **1**

## **OFFICER 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





**EAC STATUS REPORT**  
Environmental Advisory Committee

*Supporting Officers*  
*Acting Manager Development and*  
*Regulatory Services*



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	<i>Status Report</i>	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	7/12/2021	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 REPORT**  
**Environmental 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.	





Legend

-  Cadastre
-  Main Roads
-  Main, Sealed



1: 490 



Date produced: 30-Nov-2021

This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.

THIS MAP IS NOT TO BE USED FOR NAVIGATION

Notes

Proposed removal of mature trees.

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International Society of Arboriculture 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](http://www.spectree.com.au)  
[admin@spectree.com.au](mailto: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.

### 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

Client Cheryl Jean Date 15/11/2021 Time 11am  
 Address/Tree location Lot 3 / 34 Stirling Tce Toodyay Tree no. 1 Sheet 1 of 2  
 Tree species corymbia citriodora dbh 650mm Height 25mtr Crown spread dia. 14mtr  
 Assessor(s) David West Time frame 1hr Tools used Visual assesment

### Target Assessment

Target number	Target description	Target zone			Occupancy rate 1 - rare 2 - occasional 3 - frequent 4 - constant	Practical to move target?	Restriction practical?
		Target within drip line	Target within 1 x Ht.	Target within 1.5 x Ht.			
1	Dwelling			Yes	2	No	
2							
3							
4							

### Site Factors

**History of failures** Nothing noted from ground level visual inspection **Topography** Flat  Slope  **% Aspect** \_\_\_\_\_  
**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

**Vigor** Low  Normal  High  **Foliage** None (seasonal)  None (dead)  Normal 75 % Chlorotic \_\_\_\_\_ % Necrotic \_\_\_\_\_ %  
**Pests** \_\_\_\_\_ **Abiotic** \_\_\_\_\_  
**Species failure profile** Branches  Trunk  Roots  Describe Can have epicormic branch failure, prone to shed small branches in summer

### Load Factors

**Wind exposure** Protected  Partial  Full  Wind funneling  \_\_\_\_\_ **Relative crown size** Small  Medium  Large   
**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 —

Unbalanced crown  LCR \_\_\_\_\_ %  
 Dead twigs/branches  5 % overall Max. dia. \_\_\_\_\_  
 Broken/Hangers Number \_\_\_\_\_ Max. dia. \_\_\_\_\_  
 Over-extended branches   
**Pruning history**  
 Crown cleaned  Thinned  Raised   
 Reduced  Topped  Lion-tailed   
 Flush cuts  Other \_\_\_\_\_  
 Cracks  \_\_\_\_\_ Lightning damage   
 Codominant  \_\_\_\_\_ Included bark   
 Weak attachments  \_\_\_\_\_ Cavity/Nest hole \_\_\_\_\_ % circ.  
 Previous branch failures  \_\_\_\_\_ Similar branches present   
 Dead/Missing bark  Cankers/Galls/Burls  Sapwood damage/decay   
 Conks  Heartwood decay  \_\_\_\_\_  
 Response growth \_\_\_\_\_

Main concern(s) Numerous rubbing limbs and branches

**Load on defect** N/A  Minor  Moderate  Significant  \_\_\_\_\_  
**Likelihood of failure** Improbable  Possible  Probable  Imminent  \_\_\_\_\_

#### — Trunk —

Dead/Missing bark  Abnormal bark texture/color   
 Codominant stems  Included bark  Cracks   
 Sapwood damage/decay  Cankers/Galls/Burls  Sap ooze   
 Lightning damage  Heartwood decay  Conks/Mushrooms   
 Cavity/Nest hole \_\_\_\_\_ % circ. Depth \_\_\_\_\_ Poor taper   
 Lean \_\_\_\_\_ ° Corrected? \_\_\_\_\_

Response growth \_\_\_\_\_  
 Main concern(s) one codominant stem is growing into canopy

**Load on defect** N/A  Minor  Moderate  Significant   
**Likelihood of failure** Improbable  Possible  Probable  Imminent

#### — Roots and Root Collar —

Collar buried/Not visible  Depth \_\_\_\_\_ Stem girdling   
 Dead  Decay  Conks/Mushrooms   
 Ooze  Cavity  \_\_\_\_\_ % circ.  
 Cracks  Cut/Damaged roots  Distance from trunk \_\_\_\_\_  
 Root plate lifting  Soil weakness

Response growth \_\_\_\_\_  
 Main concern(s) \_\_\_\_\_

**Load on defect** N/A  Minor  Moderate  Significant   
**Likelihood of failure** Improbable  Possible  Probable  Imminent







# Basic Tree Risk Assessment Form

Client Cheryl Jean Date 15/11/2021 Time 12 noon  
 Address/Tree location Lot 3 34 Stirling Tce Toodyay Tree no. 2 Sheet 1 of       
 Tree species corymbia citriodora dbh 1mtr Height 28mtrs Crown spread dia. 16mtrs  
 Assessor(s) David West Time frame 1hr Tools used Visual assessment

### Target Assessment

Target number	Target description	Target zone			Occupancy rate 1 - rare 2 - occasional 3 - frequent 4 - constant	Practical to move target?	Restriction practical?
		Target within drip line	Target within 1 x Ht.	Target within 1.5 x Ht.			
1	Dwelling			Yes	2	No	
2							
3							
4							

### Site Factors

History of failures \_\_\_\_\_ Topography Flat  Slope  % Aspect \_\_\_\_\_  
 Site changes None  Grade change  Site clearing  Changed soil hydrology  Root cuts  Describe \_\_\_\_\_  
 Soil conditions Limited volume  Saturated  Shallow  Compacted  Pavement over roots  % Describe \_\_\_\_\_  
 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

Vigor Low  Normal  High  Foliage None (seasonal)  None (dead)  Normal 80 % Chlorotic \_\_\_\_\_ % Necrotic \_\_\_\_\_ %  
 Pests \_\_\_\_\_ Abiotic \_\_\_\_\_  
 Species failure profile Branches  Trunk  Roots  Describe can have epicormic branch failure and prone to shed small branches in summer

### Load Factors

Wind exposure Protected  Partial  Full  Wind funneling  Relative crown size Small  Medium  Large   
 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 —

Unbalanced crown  LCR \_\_\_\_\_ %  
 Dead twigs/branches  8 % overall Max. dia. <sup>100mm</sup> \_\_\_\_\_  
 Broken/Hangers Number \_\_\_\_\_ Max. dia. \_\_\_\_\_  
 Over-extended branches   
 Pruning history  
 Crown cleaned  Thinned  Raised   
 Reduced  Topped  Lion-tailed   
 Flush cuts  Other \_\_\_\_\_  
 Cracks  Lightning damage   
 Codominant  Included bark   
 Weak attachments  Cavity/Nest hole \_\_\_\_\_ % circ.  
 Previous branch failures  Similar branches present   
 Dead/Missing bark  Cankers/Galls/Burls  Sapwood damage/decay   
 Conks  Heartwood decay   
 Response growth \_\_\_\_\_  
 Main concern(s) over extended branch failure

Load on defect N/A  Minor  Moderate  Significant   
 Likelihood of failure Improbable  Possible  Probable  Imminent

#### — Trunk —

Dead/Missing bark  Abnormal bark texture/color   
 Codominant stems  Included bark  Cracks   
 Sapwood damage/decay  Cankers/Galls/Burls  Sap ooze   
 Lightning damage  Heartwood decay  Conks/Mushrooms   
 Cavity/Nest hole \_\_\_\_\_ % circ. Depth \_\_\_\_\_ Poor taper   
 Lean \_\_\_\_\_ ° Corrected? \_\_\_\_\_  
 Response growth \_\_\_\_\_  
 Main concern(s) \_\_\_\_\_

Load on defect N/A  Minor  Moderate  Significant   
 Likelihood of failure Improbable  Possible  Probable  Imminent

#### — Roots and Root Collar —

Collar buried/Not visible  Depth \_\_\_\_\_ Stem girdling   
 Dead  Decay  Conks/Mushrooms   
 Ooze  Cavity  \_\_\_\_\_ % circ.  
 Cracks  Cut/Damaged roots  Distance from trunk \_\_\_\_\_  
 Root plate lifting  Soil weakness

Response growth \_\_\_\_\_  
 Main concern(s) \_\_\_\_\_

Load on defect N/A  Minor  Moderate  Significant   
 Likelihood of failure Improbable  Possible  Probable  Imminent







# Basic Tree Risk Assessment Form

Client Cheryl Jean Date 15/11/2021 Time 1pm  
 Address/Tree location Lot 3 / 34 Stirling Tce Toodyay Tree no. 3 Sheet 1 of 2  
 Tree species Eucalyptus camaldulensis sub specie dbh 650mm Height 15mtr Crown spread dia. 8mtr  
 Assessor(s) David West Time frame 1hr Tools used Visual assesment

### Target Assessment

Target number	Target description	Target zone			Occupancy rate 1 - rare 2 - occasional 3 - frequent 4 - constant	Practical to move target?	Restriction practical?
		Target within drip line	Target within 1 x Ht.	Target within 1.5 x Ht.			
1	Dwelling		✓		3	No	
2	Driveway	✓			3	No	
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

Vigor Low  Normal  High  Foliage None (seasonal)  None (dead)  Normal 70 % Chlorotic \_\_\_\_\_ % Necrotic \_\_\_\_\_ %  
 Pests \_\_\_\_\_ Abiotic \_\_\_\_\_  
 Species failure profile Branches  Trunk  Roots  Describe Specie has known charecteristics of sudden branch failure

### Load Factors

Wind exposure Protected  Partial  Full  Wind funneling  \_\_\_\_\_ Relative crown size Small  Medium  Large   
 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 —

Unbalanced crown  LCR \_\_\_\_\_ %  
 Dead twigs/branches  5 % overall Max. dia. \_\_\_\_\_  
 Broken/Hangers Number \_\_\_\_\_ Max. dia. \_\_\_\_\_  
 Over-extended branches   
 Pruning history  
 Crown cleaned  Thinned  Raised   
 Reduced  Topped  Lion-tailed   
 Flush cuts  Other \_\_\_\_\_  
 Cracks  \_\_\_\_\_ Lightning damage   
 Codominant  \_\_\_\_\_ Included bark   
 Weak attachments  \_\_\_\_\_ Cavity/Nest hole \_\_\_\_\_ % circ.  
 Previous branch failures  \_\_\_\_\_ Similar branches present   
 Dead/Missing bark  Cankers/Galls/Burls  Sapwood damage/decay   
 Conks  Heartwood decay  \_\_\_\_\_  
 Response growth \_\_\_\_\_

Main concern(s) No real concerns or defects

Load on defect N/A  Minor  Moderate  Significant  \_\_\_\_\_  
 Likelihood of failure Improbable  Possible  Probable  Imminent  \_\_\_\_\_

#### — Trunk —

Dead/Missing bark  Abnormal bark texture/color   
 Codominant stems  Included bark  Cracks   
 Sapwood damage/decay  Cankers/Galls/Burls  Sap ooze   
 Lightning damage  Heartwood decay  Conks/Mushrooms   
 Cavity/Nest hole \_\_\_\_\_ % circ. Depth \_\_\_\_\_ Poor taper   
 Lean \_\_\_\_\_ ° Corrected? \_\_\_\_\_

Response growth \_\_\_\_\_  
 Main concern(s) \_\_\_\_\_

Load on defect N/A  Minor  Moderate  Significant   
 Likelihood of failure Improbable  Possible  Probable  Imminent

#### — Roots and Root Collar —

Collar buried/Not visible  Depth \_\_\_\_\_ Stem girdling   
 Dead  Decay  Conks/Mushrooms   
 Ooze  Cavity  \_\_\_\_\_ % circ.  
 Cracks  Cut/Damaged roots  Distance from trunk \_\_\_\_\_  
 Root plate lifting  Soil weakness

Response growth \_\_\_\_\_  
 Main concern(s) Roots are exposed and have been compacted from driving vehicles over

Load on defect N/A  Minor  Moderate  Significant   
 Likelihood of failure Improbable  Possible  Probable  Imminent







# Basic Tree Risk Assessment Form

Client Cheryl Jean Date 15/11/2021 Time 2pm  
 Address/Tree location Lot 3 / 34 Stirling Tce Toodyay Tree no. 4 Sheet 1 of 2  
 Tree species Eucalyptus sideroxylon dbh 450mm Height 11mtr Crown spread dia. 8mtr  
 Assessor(s) David West Time frame 1hr Tools used Visual assesment

### Target Assessment

Target number	Target description	Target zone			Occupancy rate 1 - rare 2 - occasional 3 - frequent 4 - constant	Practical to move target?	Restriction practical?
		Target within drip line	Target within 1 x Ht.	Target within 1.5 x Ht.			
1							
2	Tennis Court		✓		2	No	
3							
4							

### Site Factors

History of failures Crown has failed Topography Flat  Slope  % Aspect \_\_\_\_\_  
 Site changes None  Grade change  Site clearing  Changed soil hydrology  Root cuts  Describe \_\_\_\_\_  
 Soil conditions Limited volume  Saturated  Shallow  Compacted  Pavement over roots  % Describe driveway 1 side of tree  
 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

Vigor Low  Normal  High  Foliage None (seasonal)  None (dead)  Normal 70 % Chlorotic \_\_\_\_\_ % Necrotic \_\_\_\_\_ %  
 Pests \_\_\_\_\_ Abiotic \_\_\_\_\_  
 Species failure profile Branches  Trunk  Roots  Describe Crown has failed

### Load Factors

Wind exposure Protected  Partial  Full  Wind funneling  Relative crown size Small  Medium  Large   
 Crown density Sparse  Normal  Dense  Interior branches Few  Normal  Dense  Vines/Mistletoe/Moss   
 Recent or planned change in load factors unbalanced due to crown failure

### Tree Defects and Conditions Affecting the Likelihood of Failure

#### — Crown and Branches —

Unbalanced crown  LCR \_\_\_\_\_ % Cracks  Lightning damage   
 Dead twigs/branches  5 % overall Max. dia. \_\_\_\_\_ Codominant  Included bark   
 Broken/Hangers Number \_\_\_\_\_ Max. dia. \_\_\_\_\_ Weak attachments  Cavity/Nest hole \_\_\_\_\_ % circ.  
 Over-extended branches  Previous branch failures  Similar branches present   
**Pruning history**  
 Crown cleaned  Thinned  Raised  Dead/Missing bark  Cankers/Galls/Burls  Sapwood damage/decay   
 Reduced  Topped  Lion-tailed  Conks  Heartwood decay   
 Flush cuts  Other \_\_\_\_\_ Response growth \_\_\_\_\_  
 Main concern(s) Crown failure has unbalanced the tree  
 Epicormic regrowth noted \_\_\_\_\_  
 Load on defect N/A  Minor  Moderate  Significant   
 Likelihood of failure Improbable  Possible  Probable  Imminent

#### — Trunk —

Dead/Missing bark  Abnormal bark texture/color   
 Codominant stems  Included bark  Cracks   
 Sapwood damage/decay  Cankers/Galls/Burls  Sap ooze   
 Lightning damage  Heartwood decay  Conks/Mushrooms   
 Cavity/Nest hole \_\_\_\_\_ % circ. Depth \_\_\_\_\_ Poor taper   
 Lean \_\_\_\_\_ ° Corrected? \_\_\_\_\_  
 Response growth \_\_\_\_\_  
 Main concern(s) \_\_\_\_\_  
 unbalanced co dominant main stem \_\_\_\_\_  
 Load on defect N/A  Minor  Moderate  Significant   
 Likelihood of failure Improbable  Possible  Probable  Imminent

#### — Roots and Root Collar —

Collar buried/Not visible  Depth \_\_\_\_\_ Stem girdling   
 Dead  Decay  Conks/Mushrooms   
 Ooze  Cavity  \_\_\_\_\_ % circ.  
 Cracks  Cut/Damaged roots  Distance from trunk \_\_\_\_\_  
 Root plate lifting  Soil weakness   
 Response growth \_\_\_\_\_  
 Main concern(s) \_\_\_\_\_  
 Load on defect N/A  Minor  Moderate  Significant   
 Likelihood of failure Improbable  Possible  Probable  Imminent





