



## ELECTED MEMBERS MOTIONS

# APPENDICES

ITEMS:13.1

# ORDINARY COUNCIL MEETING

To Be Held

Wednesday, 22<sup>nd</sup> November 2023  
Commencing at 5.00pm

At

Shire of Dardanup  
ADMINISTRATION CENTRE EATON  
1 Council Drive – EATON

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~ Large Print  
~ Electronic Format [disk or emailed]  
Upon request.





**Tree Inspection and Recommendations**

**Prepared for:**

**Department of Finance – Building Management & Works**

**River Valley Primary School - Burekup**

**03/03/2021**

**Written by:**

**Ben Jorgensen**

**ISA Certified Arborist AU-0334A**



## Summary

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### Scope of report

The scope of this report is to carry out a **Limited visual inspection** of the all trees at River Valley Primary School – Burekup that could potentially impact people or infrastructure in the event of a tree failure, individual trees were upgraded to a **Basic assessment** level where required. Trees were also assessed for maintenance requirements.

### Assessment Synopsis

The aim of this assessment is to provide Building Management & Works with accurate information regarding the health and structural condition of the trees in question and make recommendations on suitable management options for risk mitigation and asset impact minimization.

This is done by visual inspection of the **crown**, root zone impact at ground level and visual inspection of the trunk to estimate the extent of wood decay. Root zone impact is assessed and estimated in reference to AS4970 – 2009 Protection of trees on development sites.

The use of the terms “Safe” or “Unsafe” when assessing trees is both imprecise and ambiguous as a tree cannot be free from defects or potential hazards, such a state is simply unattainable.

This assessment was carried out using the International Society of Arboriculture Tree Risk Assessment Method (TRAQ) which is a method of qualifying risk through estimating likelihood of tree failure, likelihood of impact and consequences of impact to potential targets within the tree impact zone. The assessment time frame for all inspected trees is 1 year. The Re-inspection interval recommendation for this site is 1 year and as soon as possible after each extreme weather event where tree damage is sustained.

### Tree Inspection Explanatory Notes

**Health** - summarises observations of tree health made in the field:

Good - No significant pest or disease problems, expected growth rates, dense canopy, and good leaf colour.

Fair - Minor pest or disease problems, average growth rates, canopy perhaps sparse in places, or some chlorosis.

Poor - Serious pest or disease problems, poor growth rates, sparse canopy, or major leaf discolouration.

Dead – The tree is dead.

**Structure** - summarises observations of tree structure made in the field:

Good - All forks sound, no major decay in limbs or trunk.

Fair - Some poor forks developing, or decay developing in limbs or trunk. Major failure unlikely.

Poor - Serious defects present, either poor forks, or decayed limbs or trunk; failure likely.

**Individual tree inspections** – The trees in this group have been identified as requiring specific methods of management and elevated risk levels.

**Broad area inspections** – The trees in the broad area groups have been identified as requiring generic methods of management.

## Site Investigation

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### Individual Tree Inspections

**Tree ID:** 01.

**Species:** *Corymbia maculata* (Western Spotted Gum)

**Location:** K/PP Playground

**Tree health:** Good

**Structure:** Good

**Comments:** Tree has sustained 2 recent branch failures, these failures appear to be consistent with excessive loading during an extreme wind event- given the nature of the weather conditions that cause this type of branch failure, the likelihood of people being beneath the crown during this type of weather event is dramatically reduced – therefore the likelihood of impact is also dramatically reduced.

**Risk assessment – Tree Part/Target:** Deadwood overhanging playground

Likelihood of failure – Possible

Likelihood of impact – Low

Consequences of failure – Severe

**Overall tree risk rating – Low**

**Recommendations:** Carry out deadwood removal, minor load reduction pruning to over-extended laterals, carry out aerial inspection of crown during works – report to BMW if required





**Tree ID:** 02.

**Species:** Jacaranda mimosifolia (Jacaranda)

**Location:** K/PP Playground

**Tree health:** Good

**Structure:** Good

**Comments:** Tree has branches impacting buildings

**Risk assessment – Tree Part/Target:** N/A

Likelihood of failure – N/A

Likelihood of impact – N/A

Consequences of failure – N/A

**Overall tree risk rating – Low**

**Recommendations:** Carry out pruning for building clearances



**Tree ID:** 03.

**Species:** *Agonis flexuosa* (WA Weeping Peppermint)

**Location:** Northern fence line of K/PP

**Tree health:** Good

**Structure:** Fair

**Comments:** Tree has branches impacting building and carpark

**Risk assessment – Tree Part/Target:** N/A

Likelihood of failure – N/A

Likelihood of impact – N/A

Consequences of impact – N/A

**Overall tree risk rating – Low**

**Recommendations:** Carry out crown lift pruning and building clearance





**Tree ID:** 04.

**Species:** *Corymbia maculata* (Western Spotted Gum)

**Location:** Eastern boundary overhanging K/PP building

**Tree health:** Good

**Structure:** Fair

**Comments:** Tree has deadwood throughout crown, over-extended branches and several stubs from branch failures

**Risk assessment – Tree Part/Target:** Deadwood and over-extended branches overhanging carpark and footpath

Likelihood of failure – Probable

Likelihood of impact – Low

Consequences of impact – Severe

**Overall tree risk rating – Low**

**Recommendations:** Carry out deadwood removal, load reduction pruning to over-extended laterals and remedial pruning to damage





**Tree ID:** 05.

**Species:** Plantanus acerifolia (London Plane Tree)

**Location:** Front entrance to school – Northern side

**Tree health:** Good

**Structure:** Good

**Comments:** Tree has branches impacting building

**Risk assessment – Tree Part/Target:** N/A

Likelihood of failure – N/A

Likelihood of impact – N/A

Consequences of impact – N/A

**Overall tree risk rating – Low**

**Recommendations:** Carry out pruning for building clearance



**Tree ID:** 06.

**Species:** *Corymbia calophylla* (Marri)

**Location:** S/W corner of school

**Tree health:** Fair

**Structure:** Fair

**Comments:** Tree has deadwood throughout crown and over-extended lateral branches N/E side of crown

**Risk assessment – Tree Part/Target:** Deadwood and over-extended lateral branches overhanging play area

Likelihood of failure – Probable

Likelihood of impact – Low

Consequences of impact – Severe

**Overall tree risk rating – Low**

**Recommendations:** Carry out deadwood removal and load reduction pruning to over-extended laterals





## Broad area inspections

### Area 1.

**Location:** Eastern boundary of school

### Recommendations:

- Carry out deadwood removal

### Area Photo





**Area 2.**

**Location:** Nature Play area

**Recommendations:**

- Carry out deadwood removal
- Crown lift pruning
- Load reduction pruning to over-extended lateral branches

**Area Photo**





Site Map





## Arborist Disclaimer Statement

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Arborists are tree specialists who use their education, knowledge, training, experience and research to examine individual trees and tree stands. Arborists recommend measures to enhance the structure, health, stability and appearance of trees, while attempting to reduce the risk of living near them. Clients may choose to accept or disregard the recommendations of the arborist. Or seek additional advice.

Arborists cannot detect every condition that could possibly lead to the structural failure of a tree. Trees are living organisms subject to attack by disease, insects, fungi and other forces of nature. There are some inherent risks with trees that cannot be predicted with any degree of certainty, even by a skilled and experienced arborist. Arborists cannot predict acts of nature including, without limitation, storms of sufficient strength, which can cause even a healthy tree to fail. Any entity who develops land and builds structures with a tree in the vicinity should be aware of the risks involved with the development of areas within a trees target zone. Arborists cannot guarantee that a tree will be healthy or safe under all circumstances, or for a specified period of time. Likewise, remedial treatments, like medical care, cannot be guaranteed 100%.

It is strongly recommended that all tree management operations be carried out or supervised by a certified or AQF level 4 arborist or above.

Neither this author nor has King's Tree Care assumed any responsibility for liability associated with this tree stand, the future demise and/or any damage, which may result there from. To live near trees is to accept some degree of risk.

Please feel free to contact me should any further information be required.

Regards,

Ben Jorgensen



1917.

19. 7. 17 Admitted Thomas Smith enrolment #5.

7. 8. 17 Arbor Day was celebrated.

The morning session devoted to gardening planting of trees, etc. Afternoon session the pupils were entertained & afternoon tea. (12 trees (assorted) planted.)

7. 8. 17 Lyall Winduss returned to school after an absence of over three months.

24. 8. 17. School closed today for mid-winter vacation.

Weekly tests. Arithmetic still shows a weakness in  $\text{tdo III} + I$ . Spelling much improved throughout the school.

3. 9. 17 School re opened today after mid winter vacation. #2 Scholars in attendance.

Hilda Robinson has left. She is required at home to help.

7. 9. 17. Work as usual.

Tests show a great improvement in Spelling and arithmetic. 3<sup>rd</sup> Sta still very weak, the two Rossiter boys in particular.

4. 9. 17 Admitted Stella Clarke.

Hilda Robinson has left, her mother requires her at home (14 yrs of age.)

17. 9. 17 admitted maids & Doris Lueders. Enrolment: 48.

## RISK ASSESSMENT TOOL

**OVERALL RISK EVENT:** Request for Spotted Gum at Burekup Primary School (River Valley Primary School) to be placed on the Dardanup Councils Heritage Register

**RISK THEME PROFILE:**

7 - Environment Management

**RISK ASSESSMENT CONTEXT:** Strategic

CONSEQUENCE CATEGORY	RISK EVENT	PRIOR TO TREATMENT OR CONTROL			RISK ACTION PLAN (Treatment or controls proposed)	AFTER TREATMENT OR CONTROL		
		CONSEQUENCE	LIKELIHOOD	INHERENT RISK RATING		CONSEQUENCE	LIKELIHOOD	RESIDUAL RISK RATING
<b>HEALTH</b>	No risk	Not Required - No Risk Identified	N/A	N/A	N/A	Not required.	Not required.	Not required.
<b>FINANCIAL IMPACT</b>	No risk	Not Required - No Risk Identified	N/A	N/A	N/A	Not required.	Not required.	Not required.
<b>SERVICE INTERRUPTION</b>	No risk	Not Required - No Risk Identified	N/A	N/A	N/A	Not required.	Not required.	Not required.
<b>LEGAL AND COMPLIANCE</b>	No risk	Not Required - No Risk Identified	N/A	N/A	N/A	Not required.	Not required.	Not required.
<b>REPUTATIONAL</b>	The tree has a level of significance and if removed from the site could result in community comment	Minor (2)	Unlikely (2)	Low (1 - 4)		Minor (2)	Unlikely (2)	Low (1 - 4)
<b>ENVIRONMENT</b>	No risk	Not Required - No Risk Identified	N/A	N/A	N/A	Not required.	Not required.	Not required.
<b>PROPERTY</b>	No risk	Not Required - No Risk Identified	N/A	N/A	N/A	Not required.	Not required.	Not required.

Appendix ORD: 13.1C)





**Notice of Motion**

Local Government Act 1995 [5.25(1)e]  
Standing Orders Local Law 2014 [4.12]

Date Received: 15-11-23  
Signed by  
CEO:

I request that the Chief Executive Officer of the Shire of Dardanup put the following information and motion to the Ordinary Council Meeting to be held:

**For the OCM to be held on:** 22/11/2023  
\_\_\_\_\_  
\_\_\_\_\_

Corymbia maculata (Western Spotted Gum)

This tree is located on the grounds of the River valley Primary School and is the responsibility of the Building Management Authority.

The above tree was planted on arbor day 1917. It is an icon of the local community. In recent years there have been concerns over the tree’s suitability within the bounds of the the Burekup School. However, over the past 106 years the tree has caused no problems, and in recent years (since the rebuild of the school) the tree is inspected every two years to ensure that its risk profile is compatible with the River Valley School.

Attached is a copy of the 2021 report issued by Ben Jorgensen ISA Certified Arborist AU-0334A, of Kings Tree Care.

The report clearly states that the tree is of minimal risk but does point out there is a possibility of failure, and that the consequences could be severe.

To mitigate such failure, and avoid such consequences, it is recommended that the tree Carry out deadwood removal, minor load reduction pruning to over-extended laterals, carry out aerial inspection of crown during works – report to BMW if required.

The Shire I believe would be fully aware of the risks associated with trees in public places, and because of that awareness, they engage contractors to deal with problematic trees.

**Motion:**  
**That the above tree be placed on the Dardanup Shires Heritage List.**

I recommend, on behalf of the Burekup Community, that the above Western Spotted Gum be placed on the Dardanup Shire Councils Heritage Register.



**Notice of Motion**

Local Government Act 1995 [5.25(1)e]  
Standing Orders Local Law 2014 [4.12]

Date Received:

Signed by  
CEO:

**Attachments:**

Tree Inspection and Recommendations Prepared for: Department of Finance – Building Management & Works River Valley Primary School - Burekup 03/03/2021 Written by: Ben Jorgensen ISA Certified Arborist AU-0334

**Signature:**

A handwritten signature in black ink, appearing to read "M. R. Hutchinson", written over a horizontal line.

**Elected member**

**Name:**

Cr Mark R HUTCHINSON

**Date:**

14/11/2023

Note: A notice of motion under subclause (1) is to be signed by the member and given to the CEO at least 4 clear working days before the meeting at which the motion is to be moved.