



Warringah Council

## TREE APPLICATION ASSESSMENT REPORT

<b>Development Application Number:</b>	DA2012/1488
<b>Assessment Officer:</b>	Kathryn Hills
<b>Property Address:</b>	36 Veterans Parade WHEELER HEIGHTS NSW 2097
<b>Legal Address</b>	Lot 2 DP 518741 Lot 26 DP 8871 Lot 27 DP 8871 Lot B DP 416884 Lot B DP 411784 Lot B DP 419033 Lot 30 DP 8871 Lot 28 DP 8871 Lot 31 DP 8871 Lot B DP 419032 Lot B DP 416260 Lot B DP 415957 Lot 29 DP 8871 Lot 1 DP 443972 Lot A DP 415957
<b>Proposal Description:</b>	Tree Application
<b>Recommendation:</b>	<b>APPROVED with Conditions</b>
<b>Notification Required?</b>	No
<b>Applicable Controls:</b>	EPA Act 1979, EPA Regulations 2000, WLEP 2011, WDCP
<b>SEPPs: Applicable?:</b>	No
<b>REPs: Applicable?:</b>	No
<b>LEPs Applicable?</b>	Yes

### Consideration of Warringah Local Environmental Plan 2011 (WLEP2011)

<b>Land Use Zone</b>	Low density residential
<b>Aims and Objectives consistent with the sone objectives</b>	Yes
<b>WLEP 2011 Permissible or Prohibited Land Use</b>	Permissible
<b>Does the proposed development meet the objectives of CL 5.9 WLEP 2011 "Preservation of Trees or Vegetation"</b>	Yes



Warringah Council

To use this inspection criteria: Bold highlight denotes code, where there is no bold, check the accompanying notes and user the appropriate code or insert the necessary information.

Information Category	No.1	No.2	No.3	No.4	No.5	No.6	No.7	No.8	No.9	No.10
Species	Eucalyptus punctata	Eucalyptus punctata	Eucalyptus punctata	Eucalyptus haemastoma	Eucalyptus punctata	Lophostemon confertus	Eucalyptus punctata	Lophostemon confertus	Eucalyptus punctata	Lophostemon confertus
Remnant/Planted/ Self sown	P	P	P	P	P	P	P	P	P	P
<b>Special significance</b>										
Age class Y/S/M/O	M	M	M	M	M	M	M	M	M	M
Tree height (m)	16	8	16	8	18	10	13	12	16	12
Average crown diameter (m)	8	3	10	4	10	6		7	9	8
Crown condition 0, 1, 2, 3, 4, 5	3	2	3	2	3	3	3	3	3	3
Root zone	Ga, C	Ga, C	Ga, C	Ga, C	Ga, C	Ga, C	Ga, C	Ga,C	Ga, C	Ga, C
Defects	O	D, O	O, PF	D					S, D, O	
Services/adjacent structures	O	O	O	O	O	O	O	O		O
Failure potential 1, 2, 3, 4	1	3	2	1	1	1	1	2	3	1
Size of defective part 1, 2, 3, 4	1	1	1	1	1	1	1	2	3	1
Target rating 1, 2,	3	3	3	3	3	3	3	3	3	3



Warringham Council

Information Category	No.1	No.2	No.3	No.4	No.5	No.6	No.7	No.8	No.9	No.10
3, 4										
Hazard Rating (- /12)	5	7	6	5	5	5	5	7	9	5

Recommendations	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	No. 9	No. 10
Remove Tree	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Pruning										
Repair/replace surface										
Root pruning/root barrier										
Replanting required	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Other										

Information Category	No. 11	No. 12	No. 13	No. 14	No. 15	No. 16	No. 17			
Species	Lophostemon confertus	Callistemon spp.	Agonis flexuosa	Melaleuca bracteata	Tristaniaopsis laurina	Eucalyptus haemastoma	Eucalyptus robusta			
Remnant/Planted/ Self sown	P	P	P	P	P	P	P			
Special significance										



Warringham Council

Information Category	No. 11	No. 12	No. 13	No. 14	No. 15	No. 16	No. 17			
Age class Y/S/M/O	M	M	M	M	M	M	M			
Tree height (m)	10	5	7	7	8	7	16			
Average crown diameter (m)	8	4	5	5	6	6	8			
Crown condition 0, 1, 2, 3, 4, 5	4	3	3	2	3	3	3			
Root zone	Ga, C	Gr, C	Gr, C	Gr, C	Gr	Gr	Gr			
Defects										
Services/adjacent structures	O									
Failure potential 1, 2, 3, 4	1	1	1	1	1	1	1			
Size of defective part 1, 2, 3, 4	1	1	1	1	1	1	1			
Target rating 1, 2, 3, 4	3	3	3	3	3	3	3			
Hazard Rating (-/12)	5	5	5	5	5	5	5			



Warringah Council

Recommendations	No. 11	No. 12	No. 13	No. 14	No. 15	No. 16	No. 17		
Remove Tree	Y	Y	Y	Y	Y	Y	Y		
Pruning									
Repair/replace surface									
Root pruning/root barrier									
Replanting required	Y	Y	Y	Y	Y	Y	Y		
Other									

Consideration of Warringah Development Control Plan (Adopted on 8/6/2010 and effective as of 9/12/2011)

Report Section	Applicable – Yes or No
D1 - Landscaped Open Space and Bushland Setting	Yes
E1 - Private Property Tree Management	Yes
E2 - Prescribed Vegetation	Yes
E3 - <u>Threatened species, populations, ecological communities listed under State or Commonwealth legislation, or High Conservation Habitat</u>	No
E6 - Retaining Unique Environmental Features on Site	Yes
E8 - Waterways and Riparian Lands	No
Built Form Controls under WLEP 2011: Applicable	No



Consideration of Removal of Tree Test (WDCP Appendix 8)	Tree No.1	Tree No.2	Tree No.3	Tree No.4	Tree No.5	Tree No.6	Tree No.7	Tree No.8	Tree No.9	Tree No.10	Tree No.11	Tree No.12	Tree No.13	Tree No.14	Tree No.15	Tree No.16	Tree No.17
Does the tree pose an unacceptable risk that cannot be adequately or appropriately managed by arboricultural treatment or other risk management measures?	No	Yes	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No
All possible methods to manage the risk other than tree removal have been considered prior to issuing consent for the removal of a tree.	No	Yes	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No
Is the tree in a diseased condition that cannot be corrected by pruning or other arboricultural treatment? And all possible options for managing the diseased condition have been considered prior to issuing consent for the removal of a tree.	No	Yes	No	Yes	Yes	No	No	Yes	Yes	No	No	Yes	Yes	Yes	No	No	No
The remaining life expectancy of the tree has been identified to be less than 5 years	No	Yes	No	Yes	No	No	No	Yes	Yes	No	No	Yes	Yes	Yes	No	No	No



Consideration of Removal of Tree Test (WDCP Appendix 8)	Tree No.1	Tree No.2	Tree No.3	Tree No. 4	Tree No. 5	Tree No. 6	Tree No. 7	Tree No. 8	Tree No. 9	Tree No. 10	Tree No. 11	Tree No. 12	Tree No. 13	Tree No. 14	Tree No. 15	Tree No. 16	Tree No. 17
therefore consent for the removal of the tree is justified subject to replacement planting.																	
Is the tree significantly affecting public or private property by way of its presence/location or growth?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	No
Have all abatement options been considered and removal of the tree is the only option to avoid further conflict.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	No
Is the tree likely to succumb to major injury as a result of public infrastructure work where all alternatives such as relocation or reconfiguration of the works have been considered?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Is the tree located in an area required for a Proposed Driveway Crossings, Private Structures or Works affecting Public Land?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Is Council satisfied that the proposal	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes



Consideration of Removal of Tree Test (WDCP Appendix 8)	Tree No.1	Tree No.2	Tree No.3	Tree No.4	Tree No.5	Tree No.6	Tree No.7	Tree No.8	Tree No.9	Tree No.10	Tree No.11	Tree No.12	Tree No.13	Tree No.14	Tree No.15	Tree No.16	Tree No.17
would maximize public benefit, that there is no reasonable alternative to removing the tree, and would not have any adverse heritage, pedestrian, streetscape or traffic impacts.																	
Consideration of Tree Retention Assessment (WDCP Appendix 9)	Tree No.1	Tree No.2	Tree No.3	Tree No.4	Tree No.5	Tree No.6	Tree No.7	Tree No.8	Tree No.9	Tree No.10	Tree No.11	Tree No.12	Tree No.13	Tree No.14	Tree No.15	Tree No.16	Tree No.17
Tree Retention Assessment: Applicable?	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Is Council satisfied that the balance between economic imperatives of land development and the preservation of natural features is achieved?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Consideration of Class 2-9 Buildings (WDCP Appendix 11)	Tree No.1	Tree No.2	Tree No.3	Tree No.4	Tree No.5	Tree No.6	Tree No.7	Tree No.8	Tree No.9	Tree No.10	Tree No.11	Tree No.12	Tree No.13	Tree No.14	Tree No.15	Tree No.16	Tree No.17
Consideration of Appendix 11 Class 2-9 Buildings: Applicable?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes





Consideration of Removal of Tree Test (WDCP Appendix 8)	Tree No.1	Tree No.2	Tree No.3	Tree No. 4	Tree No. 5	Tree No. 6	Tree No. 7	Tree No. 8	Tree No. 9	Tree No. 10	Tree No. 11	Tree No. 12	Tree No. 13	Tree No. 14	Tree No. 15	Tree No. 16	Tree No. 17
Consideration of a Tree Protection Plan (WDCP Appendix 12)	Tree No.1	Tree No.2	Tree No.3	Tree No. 4	Tree No. 5	Tree No. 6	Tree No. 7	Tree No. 8	Tree No. 9	Tree No. 10	Tree No. 11	Tree No. 12	Tree No. 13	Tree No. 14	Tree No. 15	Tree No. 16	Tree No. 17
Tree Protection Plan: Applicable?	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Conclusion	Tree No.1	Tree No.2	Tree No.3	Tree No. 4	Tree No. 5	Tree No. 6	Tree No. 7	Tree No. 8	Tree No. 9	Tree No. 10	Tree No. 11	Tree No. 12	Tree No. 13	Tree No. 14	Tree No. 15	Tree No. 16	Tree No. 17
Based on the above matters, the assessment against the Environmental Planning Instrument Provisions, and the Development Control Plan, is the removal of the Tree Warranted / Justified in the circumstances of the case?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes



<b>Section 79C Act 1979</b>	
Section 79C (1) (a)(i) – Have you considered all relevant provisions of any relevant environmental planning instrument?	Yes
Section 79C (1) (a)(ii) – Have you considered all relevant provisions of any provisions of any draft environmental planning instrument	N/A
Section 79C (1) (a)(iii) – Have you considered all relevant provisions of any provisions of any development control plan	Yes
Section 79C (1) (a)(iia) - Have you considered all relevant provisions of any Planning Agreement or Draft Planning Agreement	N/A
Section 79C (1) (a)(iv) - Have you considered all relevant provisions of any Regulations?	Yes
Section 79C (1) (b) – Are the likely impacts of the development, including environmental impacts on the natural and built environment and social and economic impacts in the locality acceptable?	Yes
Section 79C (1) (c) – Is the site suitable for the development?	Yes
Section 79C (1) (d) – Have you considered any submissions made in accordance with the EPA Act or EPA Regs?	Yes

**Addition Comments:**

Reference is made to the proposed works under the State Environmental Planning Policy (Infrastructure) 2007 include the installation of a new access driveway and footpath located along the western boundary (Rose Avenue frontage). In addition, as part of the above works, repairs to the existing concrete crib retaining wall are proposed.

Tree No. s 1- 17 are located in the area required for the above proposed works and structures Land. Many of the large Eucalyptus trees are in poor health and condition due to a poor growing environment and several are considered structurally unsound. Tree removal is subject to replanting.

It was also noted during the inspection that a Eucalyptus punctata (Grey Gum) located adjacent to Tree1 (Rose Avenue frontage) requires a further inspection due to the presence of fruiting bodies sighted on the trunk.

**APPLICATION DETERMINATION**

**Conclusion:**

The proposal has been assessed against the relevant matters for consideration under Section 79C of the EP&A Act 1979. This assessment has taken into consideration the submitted plans, Statement of Environmental Effects, all other documentation supporting the application and public submissions, and does not result in any unreasonable impacts on surrounding, adjoining, adjacent and nearby properties subject to the conditions contained within the recommendation.

**RECOMMENDATION - APPROVAL**

**That Council as the consent authority:**

**GRANT DEVELOPMENT CONSENT** to the development application subject to:

The conditions detailed within the associated notice of determination; and

"I am aware of Warringah's Code of Conduct and, in signing this report, declare that I do not have a Conflict of Interest"

The application is determined under the delegated authority of:



Signed

Date

---

**Kathryn Hills, Tree Assessment Officer**



Warringah Council

## Explanatory Criteria for Tree Inspection Schedule within Assessment Report

**Note:** The detail below is general and is provided in good faith as a guide to assist persons reviewing the assessment report understand and interpret the assessment and a determination which may include the removal of a tree outside the criteria set can be for reasons beyond technical consideration and can be based on the expertise of the Council Officer conducting the assessment. If you require clarification or have any questions, please contact Council's Planning and Development Tree Assessment Officer.

Key	Criteria	Comments
Tree No.	Must relate to the number on your site diagram	
Species	May be coded – include a key to the codes; botanical names and common names in key. (eg Lc = Lophostemon confertus Brush Box)	
Remnant/ Planted / Self sown	Self explanatory; of use when negotiating cost sharing for line clearing operations	
Special Significance	A Aboriginal C Commemorative Ha Habitat Hi Historic M Memorial R Rare U Unique form O Other	This may require specialist knowledge
Age Class	Y Young = recently planted S Semi mature (<20% of life expectancy) M Mature (20-80% of life expectancy) O Over-mature (>80% of life expectancy)	
Height	In metres	
Spread	Average diameter of canopy in metres	
Crown condition	Overall vigour and vitality  0 Dead 1 Severe decline (<20% canopy; major dead wood 2 Declining (20-60% canopy density; twig and branch dieback) 3 Average/low vigour (60-90% canopy density; twig dieback) 4 Good (90-100% crown cover; little or no dieback or other problems 5 Excellent (100% crown cover, no deadwood or other problems)	This requires knowledge of species
Failure Potential	Identifies the most likely failure and rates the likelihood that the structural defect(s) will result in failure within the inspection period.  1. Low – defects are minor (eg dieback of twigs, small wounds with good wound wood development) 2. Medium – defects are present and obvious (eg cavity encompassing 10-25% of the circumference of the trunk) 3. High – numerous and/or significant defects present (eg cavity encompassing 30-50% of the circumference of the trunk, major bark inclusions) 4. Severe – defects are very severe (eg heart rot fruiting bodies, cavity encompassing more than 50% of the trunk)	This requires specialist knowledge
Size of Defective Plant	Rates the size of the part most likely to fail. The larger the part that fails, the greater the potential for damage.  1. Most likely failure less than 150mm in diameter 2. Most likely failure 150-450mm in diameter 3. Most likely failure 450-750mm in diameter 4. Most likely failure more than 750mm in diameter	



Warringah Council

Key	Criteria	Comments
Target Rating*	<p>Rates the use and occupancy of the area that would be struck by the defective part.</p> <ol style="list-style-type: none"> <li>1. Occasional use (eg jogging/cycle track)</li> <li>2. Intermittent use (picnic area, day use parking)</li> <li>3. Frequent use, secondary structure (eg seasonal camping area, storage facilities)</li> <li>4. Constant use, structures (eg year-round use for a number of hours each day, residences)</li> </ol>	
Hazard Rating*	<p>Failure potential + size of part + target rating. Add each of the above sections for a number out of 12.</p>	<p>The final number identifies the degree of risk. The next step is to determine a management strategy. A rating in this column does not condemn a tree but may indicate the need for more investigation and a risk management strategy.</p>
Root Zone	<p>C      Compaction  D      Damaged / wounded roots (eg by mowers)  E      Exposed Roots  Ga     Trees in Garden Bed  Gi     Girdled Roots  Gr     Grass  K      Kerb close to tree  L+     Raised soil level  L -     Lowered soil level  M      Mulched  Pa     Paving / concrete / bitumen  Pr     Roots pruned  O      Other</p>	<p>More than one of these may apply</p>
Defects	<p>B      Borers  C      Cavity  D      Decay  PF     Previous Failures  I      Inclusions  L      Lopped  M      Mistletoe / Parasites  S      Splits / cracks  T      Termites  F      Fungi  E      Epicormics  MD    Mechanical Damage  O      Other</p>	<p>More than one of these may apply</p>
Services / adjacent structures	<p>Bs     Bus stop  Bu     Building within 3m  HVo    High voltage open-wire construction  HVb    High voltage bundled (ABC)  LVo    Low voltage open-wire construction  LVb    Low voltage bundled (ABC)  Na     No services above  Nb     No services above ground  Si     Signage  Sl     Street light  T      Transmission lines (&gt;33KV)  U      Underground services  O      Other</p>	<p>More than one of these may apply</p>