



**Illawarra Escarpment State Conservation Area Fire Management Strategy 2009**  
Map Sheet 2 of 3

This strategy should be used in conjunction with aerial photography and field reconnaissance during incidents and the development of incident action plans.

**Fire Season Information**

**Wildfires**

- The statutory wildfire season occurs between 1<sup>st</sup> October and 31<sup>st</sup> March. This may be extended if weather conditions lead to increased fire danger outside of this period.

**Prescribed Burning**

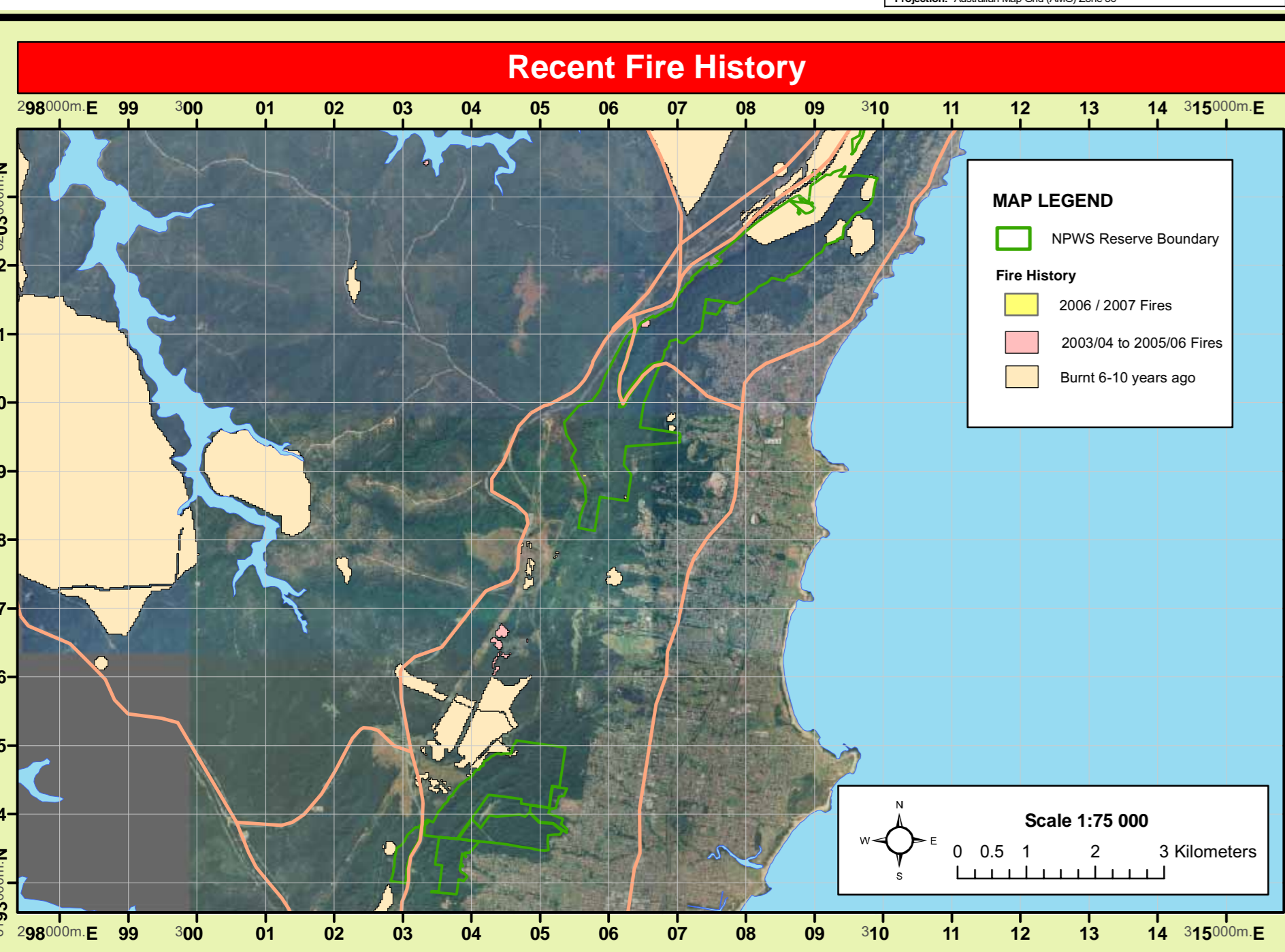
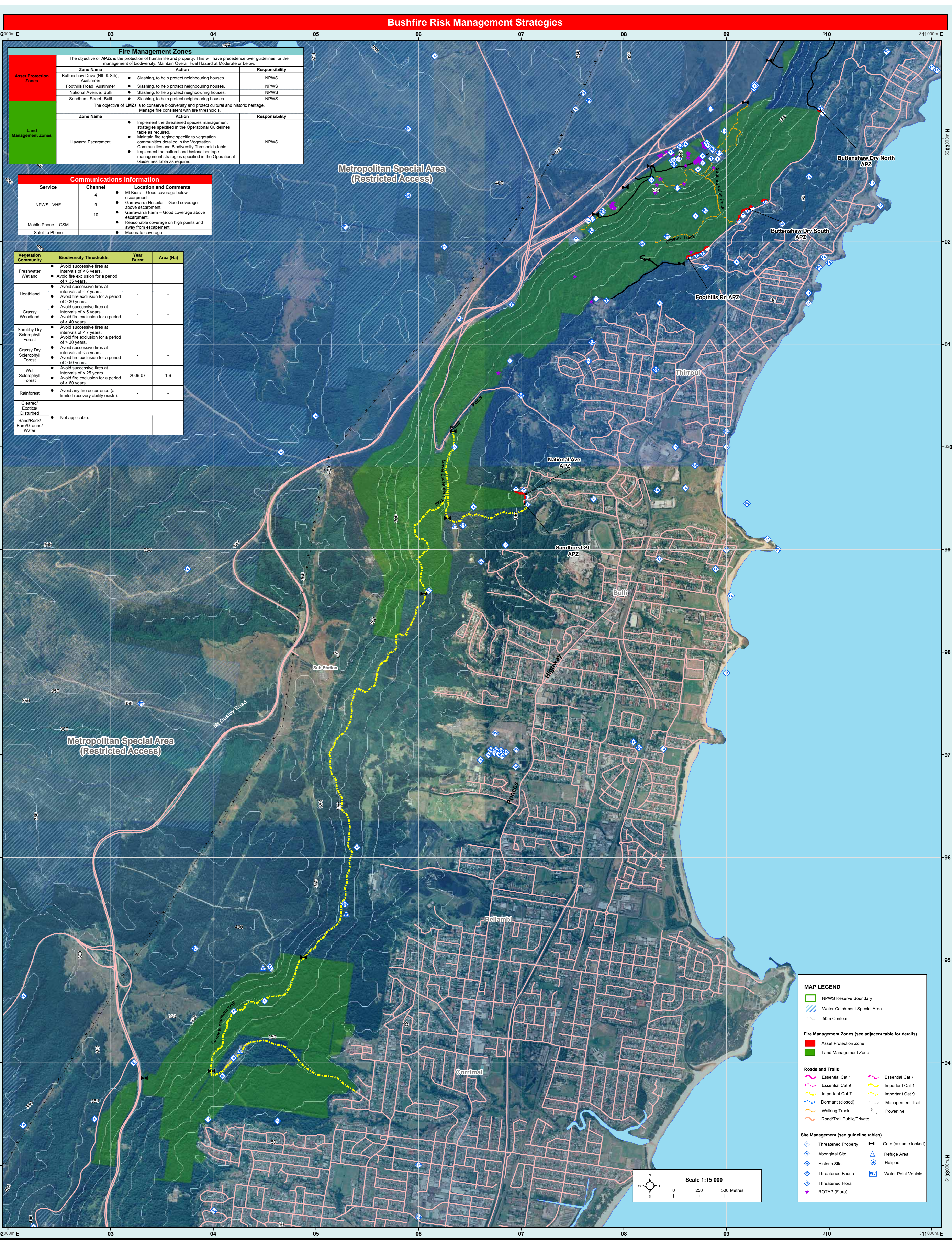
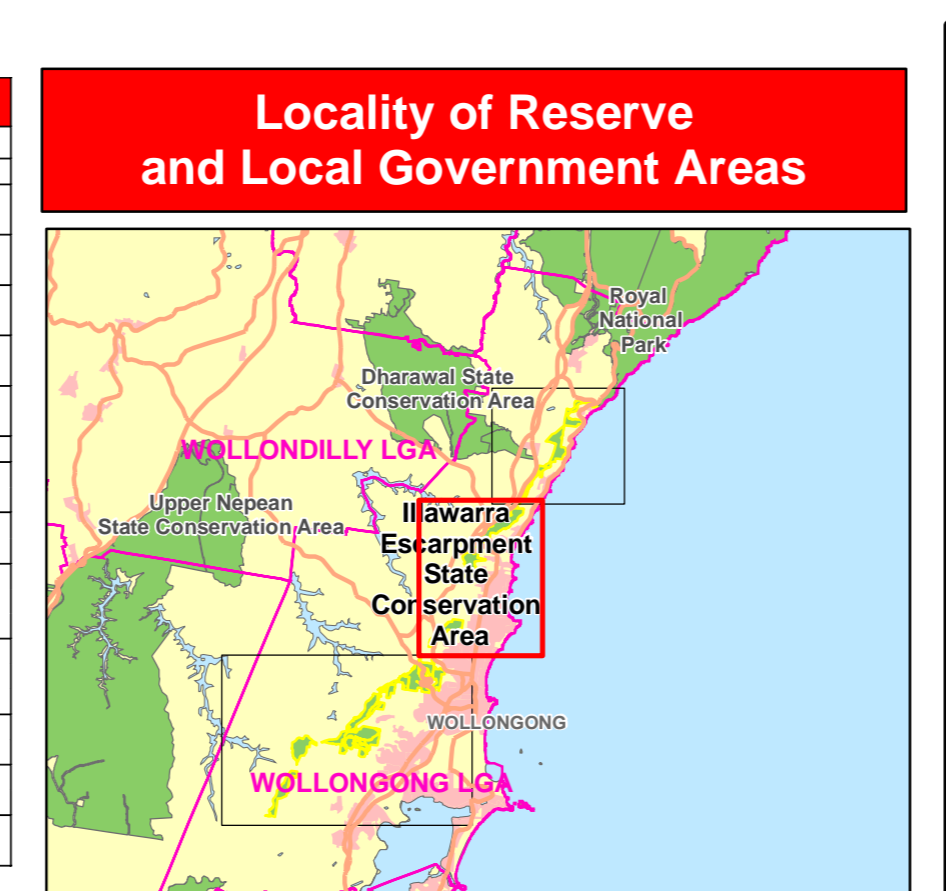
- Prescribed burning in this area is a normally undertaken in Autumn through to Spring.

**Related Documents**

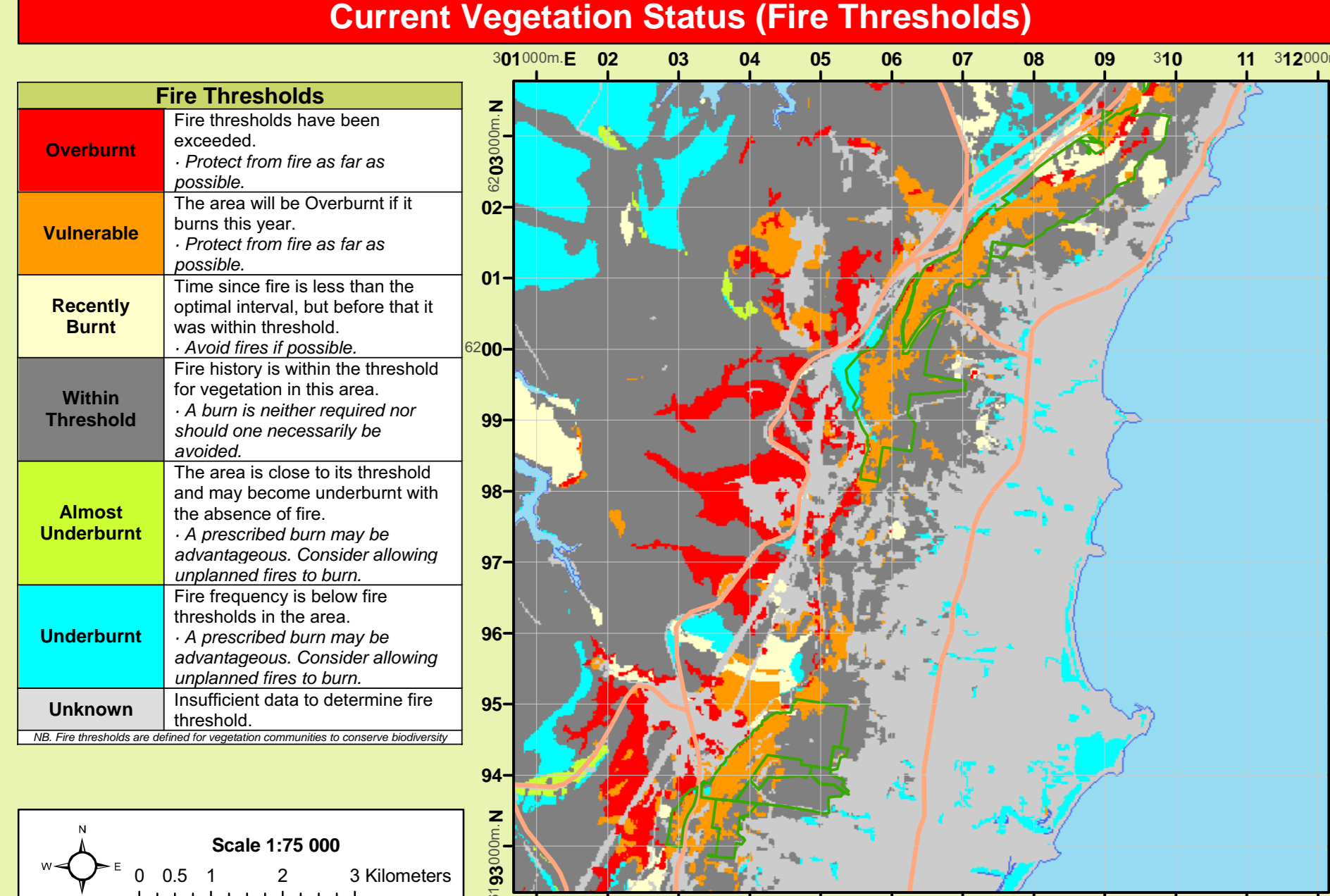
- National Parks and Wildlife Service Fire Management Manual
- The Illawarra Escarpment State Conservation Area Plan of Management
- The Illawarra Escarpment State Conservation Area Fire Management Strategy (Draft) Type 3, June 2004
- Sydney South Region Incident Procedures and Contact Lists

Contact Information		
Agency	Position / Location	Phone
National Parks & Wildlife Service	Regional Duty Officer (24 hour)	0419 426 054
	Illawarra Area Manager	0223 3026 529
	Fire Management Officer	0438 028 222
	Regional Operations Coordinator	0419 402 105
	Illawarra Area Office	0242 9262 924 0293 042 412 0242 923 900 0242 923 300
Sydney Catchment Authority	Sydney South Regional Office	(02) 9542 1420
Suburban District NSW Rural Fire Service	24 Hours	8520 6022
Wollongong District NSW Rural Fire Service	Business Hours	8250 6461
SES	Business Hours	4256 6432
	Surfurnal and Fire	500
	Suburban Fire	0448 6800
	Wollongong City	4251 1200
Police	Emergency	000
	Wollongong	4226 7899
Ambulance	Emergency	000
	Helmberg	6204 1013
Bookings	Emergency	131 233
Hospital	Wollongong	4222 5000
Bull	Bull	4284 4344
Council	Wollongong City Council	4227 7111

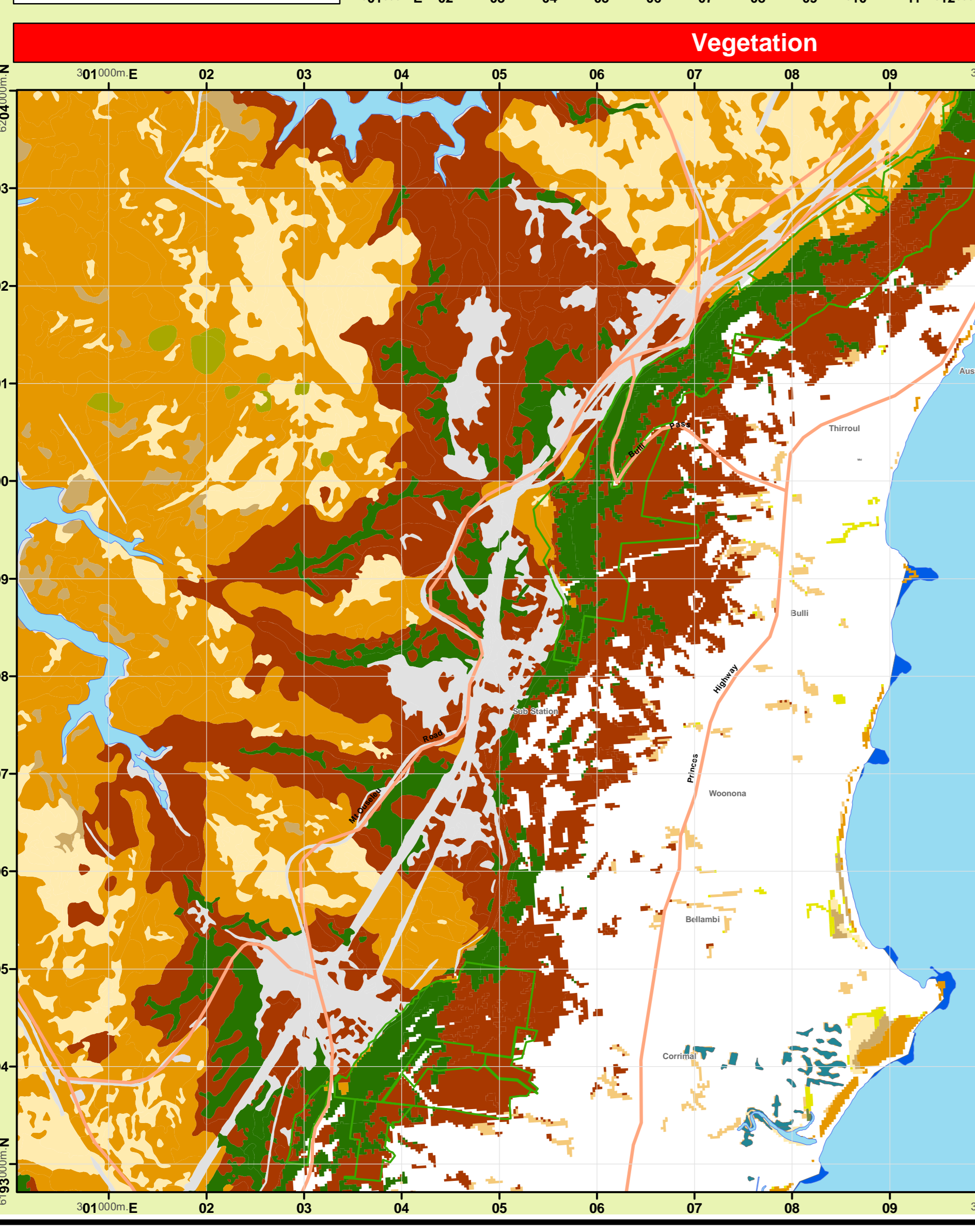
Locality of Reserve and Local Government Areas		
Wollongong	Wollongong	Wollongong
Wollongong	Wollongong	Wollongong



Operational Guidelines		
Refer to Strategy for Fire Management 2003 and Fire Management Manual	General	Guidelines
<b>Aerial Water Bombing</b> <ul style="list-style-type: none"> <li>The use of bombing aircraft should support containment operations by aggressively attacking hotspots and creating broad suppression zones.</li> </ul>		<b>A2</b> <ul style="list-style-type: none"> <li>As far as possible protect site from fire.</li> <li>Avoid ground disturbance including handtools, dozers.</li> <li>Avoid water bombing which may cause ground disturbance.</li> <li>Avoid ground disturbance including handtools, dozers.</li> <li>Avoid water bombing which may cause ground disturbance.</li> <li>Sites may be burnt by wildfire, backburn, prescribed burn.</li> </ul>
<b>Aerial Ignition</b> <ul style="list-style-type: none"> <li>Use of aircraft to ignite backburning or fuel reduction operations where practicable, but only with the prior consent of NPWS Regional Manager or Section 44 delegate.</li> </ul>		<b>H1</b> <ul style="list-style-type: none"> <li>High RH/HR priority.</li> <li>High RH/HR priority.</li> <li>Avoid fire, including wildfire, backburning &amp; HR.</li> <li>Avoid all water bombing activities.</li> </ul>
<b>Backburning</b> <ul style="list-style-type: none"> <li>Where practicable, use a 1m radius around dead and flammable targeted lines adjacent to containment lines prior to backburning, or set down these trees as part of the backburn strategy.</li> </ul>		<b>H2</b> <ul style="list-style-type: none"> <li>Avoid fire, including wildfire, backburning &amp; HR.</li> <li>High RH/HR priority.</li> <li>Heritage site unlikely to be affected by fire.</li> <li>High RH/HR priority.</li> </ul>
<b>Command &amp; Control</b> <ul style="list-style-type: none"> <li>The first combatant agency on site may assume control of the site, but they must ensure the relevant fire management agency is notified promptly.</li> </ul>		<b>H3</b> <ul style="list-style-type: none"> <li>High RH/HR priority.</li> <li>High RH/HR priority.</li> <li>Heritage site unlikely to be affected by fire.</li> <li>High RH/HR priority.</li> </ul>
<b>Containment Lines</b> <ul style="list-style-type: none"> <li>Construction of new containment lines should be avoided, where practicable, except where they can be constructed with minimal environmental impact. New containment lines require the prior consent of a senior NPWS officer.</li> </ul>		<b>H4</b> <ul style="list-style-type: none"> <li>Low RH/HR priority.</li> <li>Avoid fire, including wildfire, backburning &amp; HR.</li> <li>Avoid all water bombing activities.</li> </ul>
<b>Earthmoving Equipment</b> <ul style="list-style-type: none"> <li>Earthmoving equipment must be always guided and supervised by an experienced officer, and accompanied by a support vehicle when engaged in direct or parallel attack this vehicle must be a trailing vehicle.</li> </ul>		<b>Threatened Fauna</b>
<b>Fire Advantage Recording</b> <ul style="list-style-type: none"> <li>All fire advantages used during wildfire suppression operations must be mapped and where relevant added to the database.</li> </ul>		<b>FA1</b> <ul style="list-style-type: none"> <li>Protect large and hollow bearing trees.</li> <li>Protect large and hollow bearing trees.</li> <li>Avoid fire around cave habitats.</li> </ul>
<b>Fire Suppression Chemicals</b> <ul style="list-style-type: none"> <li>The use of fire retardant is only permitted with the prior consent of the senior NPWS officer, and should be avoided where reasonable alternatives are available.</li> </ul>		<b>FA2</b> <ul style="list-style-type: none"> <li>Protect large and hollow bearing trees.</li> <li>Avoid fire around cave habitats.</li> <li>Avoid fire around cave habitats.</li> </ul>
<b>Rehabilitation</b> <ul style="list-style-type: none"> <li>Exclude the use of surfactants and retardants within 50m of wetlands, watercourses, dams and swamps.</li> </ul>		<b>FA6</b> <ul style="list-style-type: none"> <li>Avoid fire, including wildfire, backburning &amp; HR, as far as possible in wetland habitat.</li> <li>Avoid use of earth moving machinery in wetland habitats.</li> <li>Avoid use of retardant and foam in wetland habitats.</li> <li>Avoid high intensity fires that consume tree canopies and fallen logs.</li> </ul>
<b>Smoke Management</b> <ul style="list-style-type: none"> <li>If smoke becomes a hazard on local roads or highways, the police department must be notified.</li> </ul>		<b>FA7</b> <ul style="list-style-type: none"> <li>Avoid any fire occurrence (a) unlikely to recur.</li> <li>Avoid any fire occurrence (a) unlikely to recur.</li> </ul>
<b>Visitor Management</b> <ul style="list-style-type: none"> <li>The reserve may be closed to the public during periods of extreme fire danger or during wildfire suppression operations.</li> </ul>		<b>Threatened Flora</b>
<b>Suppression Strategies</b>		<b>FL1</b> <ul style="list-style-type: none"> <li>Avoid fire around known nesting sites.</li> <li>Avoid fire around known nesting sites.</li> </ul>
<b>Current FDR Forecast FDR</b>	<b>Low - Mod</b>	<b>FL2</b> <ul style="list-style-type: none"> <li>Avoid fire around known nesting sites.</li> <li>Avoid fire around known nesting sites.</li> </ul>
<b>Low - Mod</b>	<b>Low - Mod</b>	<b>Threatened Property</b> <ul style="list-style-type: none"> <li>Where possible property owners with assets at risk from a wildfire event should be kept informed regarding the progress of the fire, and asked for an assessment of their current level of asset protection preparedness.</li> </ul>
<b>Low - Mod</b>	<b>High</b>	
<b>High</b>	<b>All</b>	
<b>All</b>	<b>All</b>	



Threatened Fauna Fire Ecology		
Label	Name	Fire Ecology
	Callisitta melanoleuca	Avoid high frequency fires in known habitat.
	Gang-gang Cockatoo	Avoid burning of Allocasuarina thickets.
	Calyptorhynchus latirostris	No slashing, tilling or tree removal.
	Grey Shrike Thrush	No slashing, tilling or tree removal.
	Phylloscopus olivaceus	No slashing, tilling or tree removal.
	White-winged Warbler	No slashing, tilling or tree removal.
	Ptilinopus magnirostris	Avoid burning around known nesting sites at any time.
	Black-billed Woodhoopoe	Avoid burning around known nesting sites at any time.
	Ptilinopus regina	Avoid burning around known nesting sites at any time.
	Rose-crowned Honeybird	No slashing, tilling or tree removal.
	Megascops pectoralis	Avoid burning around known nesting sites.
	Turquoise Parrot	No slashing, tilling or tree removal.
	Masked Owl	Avoid burning around known nesting sites at any time.
	Yellow-billed Woodhoopoe	Avoid burning around known nesting sites at any time.
	Northern Yellow Robin	Avoid burning around known nesting sites at any time.
	Powerful Owl	Avoid burning around known nesting sites at any time.
	Sooty Owl	Avoid burning around known nesting sites at any time.
	Manuscript Wren	Avoid fire around known nesting sites.
	Eastern Whistler	No slashing, tilling or tree removal.
	Myiopsitta alba	Avoid fire around known nesting sites.
	Long-billed Myzomela	No slashing, tilling or tree removal.
	Eastern Fallow Sparrow	No slashing, tilling or tree removal.
	Mongolops northensis	Avoid fire in the near vicinity of roost within known-potential habitat where possible.
	Eastern Freetail Bat	Maintain a mosaic of age classes within known-potential foraging habitat.
	Cenopus nanus	No slashing, tilling or tree removal.
	Eastern Pygmy-possum	No slashing, tilling or tree removal.
	Spotted-tailed Quoll	Avoid burning around known nesting sites.
	Phascogaster cinereus	Intense wildfire with canopy scorch will cause high mortality and injury.
	Roadside Warbler	Full flower may be recorded within 0 - 18 months. With succulents providing many nutritious and fire food items for improved food quality.
	Phascogaster olivaceus	Avoid burning around known nesting sites.
	Grey-headed Flying Fox	Avoid burning around known nesting sites.
	Hoplocrossulus leucostictus	No slashing, tilling or tree removal.
	Broad-headed Snake	No slashing, tilling or tree removal.
	Melospiza australis	Avoid burning adjacent to streams, and no burning adjacent to streams near the headwaters of creeks.
	Great Burreed Frog	No burning within 100 metres of streams.
	Maritime Shrub Frog	No burning within 100 metres of streams.
	Slender Frogs	No burning within 50 metres of wetlands and other large water bodies.
	Green & Golden Bell Frog	No slashing, tilling or tree removal.
	Phyllorhynchus eumastus	Avoid burning adjacent to streams, and no burning around agricultural drainage lines near the headwaters of creeks.
	Red-crowned Toadlet	Avoid burning adjacent to streams, and no burning around agricultural drainage lines near the headwaters of creeks.



Threatened Flora Fire Ecology		
Label	Name	Fire Ecology
	Acacia baileyana	Mechanical hazard reduction should be limited to 50cm height after March.
	Acacia suberosa	No fire more than once every 7 years.
	Chionochloa sp.	No fire more than once every 7 years.
	White-flowered Wax Plant	No slashing, tilling or tree removal.
	Endangered	No fire more than once every 7 years.
	Phyllanthus australis	No slashing, tilling or tree removal.
	Pycnospora sp.	No fire more than once every 10 years.
	Halimolobos exilis	No slashing, tilling or tree removal.
	Syrphobolus mitchellii	No fire.
	Magenta Lily Pilly	No slashing, tilling or tree removal.
	Vulnerable	No fire.
	Parandera adusta	No slashing, tilling or tree removal.
	Subline Point	No fire.
	Pomadouris	No slashing, tilling or tree removal.
	Endangered	No fire.
	Sibbaldia caerulea	No slashing, tilling or tree removal.
	Endangered	No fire.
	Daphnandra sp. C	No fire.
	Illawarra Scaevola	No slashing, tilling or tree removal.
	Endangered	No fire.
	Callistemon	No fire more than once every 7 years.
	Natal Bottle-brush	No slashing, tilling or tree removal.
	Vulnerable	No fire.

