

Contact Information					
Agency	Position / Location	Phone			
NPWS	NRR Regional Office – Alstonville	6627 0200 6628 3937 (fax)			
	Richmond River Area Depot	6628 3786			
	Aboriginal Cultural Heritage Officer	6620 7205			
Emergency		000			
Rural Fire Service	Northern Rivers Duty Officer	6632 3044			
	Richmond Valley Fire Control Centre	6663 7211			
	Lismore	6622 6088			
NSW Fire Brigade	Evans Head	6682 4400			
SES	Goonellabah	6625 2070			
	Woodburn	6682 8369			
Police	Police Assistance Line	131444			
	Evans Head	6682 4202			
	Woodburn	6682 2444			
Ambulance	Contacts apart from emergency	131233			
DPI	NSW Fisheries – Ballina	6686 2018			
Council	Richmond Valley Council	6660 0300			
Country Energy	General enquiries	132356			
Aboriginal contacts	Bandjalang Native Title Claimant – Laurie Wilson	6683 1816			
	Jali LALC	6683 4413			

Brief all per	resonnel involved in suppression operations on the following issues:				
Resource	Guidelines				
Aboriginal Cultural Heritage Site Management (NPWS FMM 4.11)	 Aboriginal sites are not shown on this version. Vulnerable sites will be shown on the operational version of this strategy following consultation with the Aboriginal community. 				
Historic Heritage Management (NPWS FMM 4.10)	HH2 - As far as possible protect site from fire, Avoid all ground disturbance including the use of earthmoving machinery, handline construction and driving over sites.				
Threatened Fauna Management (NPWS FMM 4.12 & 5.2)	Over riding imperatives in relation to threatened fauna • Avoid impact on wetlands, littoral rainforest and streams • Protect large and hollow-bearing trees				
	Oxleyan Pygmy Perch (OPP) occurs in the Park. Known habitat is shown on the Bushfire Suppression map. In known OPP habitat: • Avoid prescribed burning during core breeding season (September – March) • Adopt a mosaic burning pattern, only burn 1/3 of the wetlands in any one year. • Avoid pumping water from OPP habitat • Avoid the use of fire fighting foam and retardants within 50m of habitat.				
	Note: The Department of Primary Industries (Fisheries) should be notified ASAP following suppression of any fires in OPP habitat.				
Threatened Flora Management (NPWS FMM 4.12)	 Avoid impact on wetlands and littoral rainforest. Avoid breaching fire interval guidelines for vegetation communities. 				
Threatened Property	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.				
General	Guidelines				
Aerial Water Bombing (NPWS FMM 4.4 / NSW Fire Agencies Aviation SOPs O2 / NPWS Guidelines for Effective Aircraft Management)	• Foam should be used to increase the effectiveness of water bombing, except within 50m of wetlands and OPP habitat.				
Aerial Ignition (NPWS FMM 4.2.20 & 4.4 / NSW Fire Agencies Aviation SOPs O2-4 / NPWS Guidelines for Effective Aircraft Management)	 Aerial ignition may be used during back-burning or fuel reduction operations. Utilise incendiaries to rapidly progress back-burns down slope where required. 				
Backburning (NPWS FMM 4.8)	• Clear a 1m radius around dead and fibrous barked trees adjacent to containment lines prior to backburning, or wet down these trees as part of the backburn ignition.				
Command & Control (NPWS FMM 4.2)	 The first combatant agency on site may assume control of the fire, but then must ensure the NPWS is notified promptly. On the arrival of other combatant agencies, the initial incident controller will consulwith regard to the ongoing command, control and incident management team requirements as per the relevant BFMC Plan of Operations. 				
Containment Lines (NPWS FMM 2.2 & 3.9)	 No new containment lines in wetlands. New containment lines require the prior consent of a senior NPWS officer. Containment lines should be stabilised and rehabilitated as part of the wildfire suppression operation. 				
Earthmoving Equipment (NPWS FMM 4.2.20 & 4.3)	 Earthmoving equipment may only be used with the prior consent of a senior NPWS officer. 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 firefighting vehicle. Earthmoving equipment should be washed down prior to it entering NPWS estate. 				
Fire Advantage Recording	 All fire advantages used during wildfire suppression operations must be mapped and where relevant added to the database. 				
Fire Suppression Chemicals (NPWS FMM 4.2.20 & 4.9)	 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. Exclude the use of surfactants and retardants within 50m of rainforest, watercourses dams and swamps. 				
Rehabilitation (NPWS FMM 5.1)	 Containment lines should be stabilised and rehabilitated as part of the wildfire suppression operation. All re opened and new containment lines not required for other purposes should be closed at the cessation of the incident. 				
Smoke Management (NPWS FMM 3.4)	 If smoke becomes a hazard on local roads or highways, the police and relevant media must be notified. Smoke management must be in accordance with relevant RTA traffic management guidelines. 				
Visitor Management (NPWS FMM 3.6 & 4.13)	The reserve may be closed to the public during periods of extreme fire danger or during wildfire suppression operations.				
Hazards	• There is an area of buried asbestos adjoining either side of the northern end of Old Mining Trail for approximately 1km. This area is signposted on the ground and shown as a hazard symbol on the Bushfire Suppression map. Avoid all ground disturbance including the use of earth moving machinery, handline construction and driving over site, avoid water bombing which may cause ground disturbance.				
	• Some management trails can become inundated during wet years and may not be trafficable to 4wd vehicles.				

Operational Guidelines

	St	rate	egy Information			
Fire Season Information						
Wildfires Prescribed Burning (NPWS Fire Management Manual 4.7)		•	 Have been known to start as early as late August, but usually the potential for a large fire event is greatest between October and December. This period may extend into January in more severe years. Pay particu attention to forecast southerly changes. General season is Autumn to late Winter. Burning is possible in early Spring but not desirable on a regular basis from an ecological or tourism point of view. 			
		•				
Suppression Strategies						
Current FDR	Forecast FDR					
Low - Mod	Low - Mod	•	Undertake direct, parallel or indirect attack along existing containment lines. Where practicable consider maximising the fire area in accordance with the requirements of any proposed prescribed burns.			
Low - Mod	= > High	•	In order to minimise the fire area and secure the flanks as soon as possible, undertake direct, parallel or indirec attack along the closest containment lines. Pay particular attention to the flank on the next predicted down wind side.			
High	All	•	Undertake indirect attack along existing or newly constructed containment lines. Secure and deepen containment lines along the next predicted downwind side of the fire. If applicable consider broader than normal containment strategies to avoid wasted effort and high risk of failure			
All	All	•	Ensure there is sufficient time to secure containment lines prior to the fire impacting upon them; otherwise fall back to the next potential line.			

Vegetation

Rainforest

Wet sclerophyll

Swamp sclerophyll

Dry sclerophyll

Saline wetland

Heathland

Freshwater wetland
Foredune Complex
Grassland/herbfield

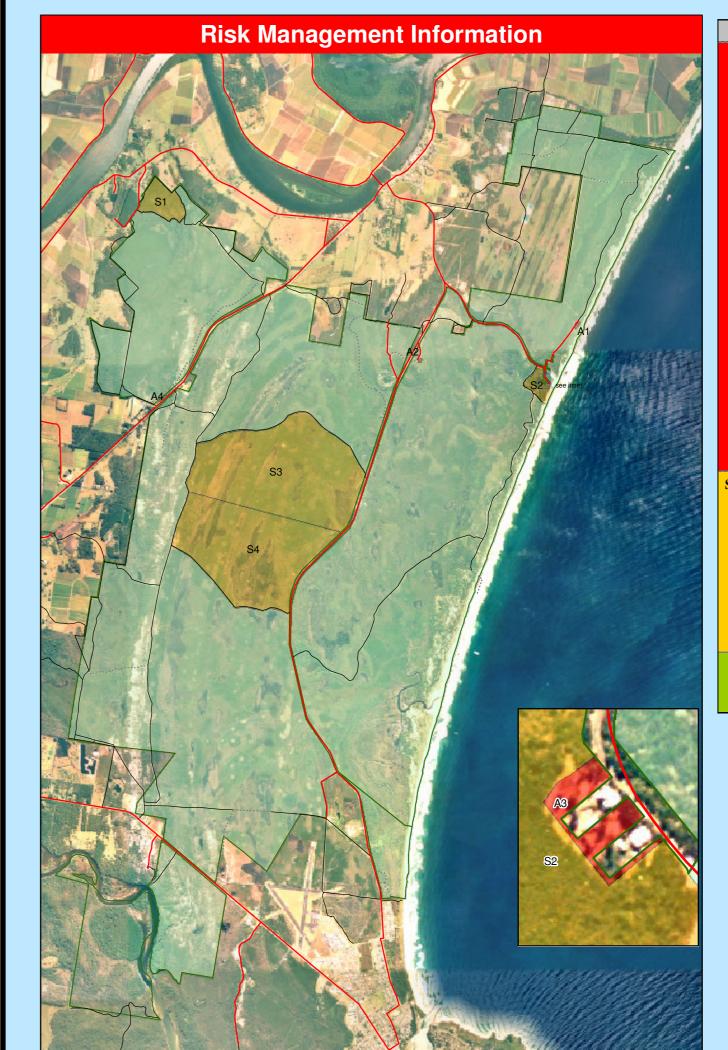
Post-mining regeneration

///// Agriculture/timber plantation

Cypress

Rock/sand

Communications Information					
Service	Channel	Location and Comments			
NPWS - VHF	8	Mt Nardi			
NPWS - VHF (Fireground Comms)	40	Fireground chat channel (single frequency) monitors channel 8			
NPWS - VHF (Portable Repeater)	13	Portable repeater, Blue Code. Stored at Kyogle NPWS Depot / transportable.			
RFS – PMR – UHF	82 / 64	Moonimba and Naughtons Gap			
RFS - GRN	-	No service available.			
CB – UHF	-	To be confirmed with RFS brigade captain on the day.			
Aircraft - VHF	125.45 MHz	Or as directed by Incident Controller or Air Operations			
Mobile Phone - CDMA	Good	Best reception at elevated points.			
Mobile Phone - GSM	No				



	Dayuse Area (A1)	overall fuel hazard reaches					
	90m x 40m	moderate.	NIBWO				
		Mechanical treatment when	NPWS				
	(A2)	overall fuel hazard reaches					
	40m x 40m	moderate.	NPWS				
	Headland Homes	Mechanical treatment when overall fuel hazard reaches	INFVVS				
	(A3) 50m x 20m west of	moderate.					
	allotments and	moderate.					
	between allotments.						
	80m x 3m south of						
	allotments.						
	50m x 3m east of						
	allotments.						
			NIDWO				
	Reagan (A4)	Mechanical treatment when	NPWS				
	30m x 10m	overall fuel hazard reaches					
		moderate.					
Strategic Fire	The objective of SFAZ s is to reduce fire intensity across larger areas. Maintain						
Advantage	Overall Fuel Hazard at High or below, however adherence to guidelines for						
Zones	biodiversity will take precedence where practical.						
	Zone	Action	Responsibility				
	Rileys Hill (S1)	Prescribed burn when overall fuel	NPWS				
	Headland (S2)	hazard reaches high.					
	Central (S3)						
	Crash (S4)						
Heritage	The objective of HMZ s is to conserve biodiversity and protect cultural heritage.						
Management	Refer to fire thresholds map and table as part of decision making process						
Zones	regarding suppressing or applying fire.						

Fire Management Zones

The objective of **APZ**s is the protection of human life and property. This will

Overall Fuel Hazard at Moderate or below.

Broadwater Beach Mechanical treatment when

have precedence over guidelines for the management of biodiversity. Maintain