

Map Grid Australia (MGA) Zone 56 Scale: Noted scales are true when printed on A1 size paper.		
	Operational Guidelines		
General	Guidelines		
Aerial operations	 Aerial operations will be managed by trained and competent personnel. This includes directing aerial bombing and aerial ignition operations The use of bombing aircraft without the support of ground based suppression crews should be limited to very specific circumstances. All aerial ignition operations require the consent of the NPWS Regional Manager or the Section 44 Appointee. 		
Backburning	 All personnel must be fully briefed before back burning operations begin. Backburning in areas of Low – Moderate OFH will require the use of wind, slope or low humidity to maximise effectiveness. Backburning should be avoided in steep terrain until fire fronts are within proximity of control lines. The aim is to minimse length of fire run and spotting potential. Avoid upslope backburning into Dry Rainforests. Semi-evergreen Vine Thickets and Brush-tailed Rock-wallaby h 		
Command & Control	 The first combatant agency on site may assume control of the fire, but then must ensure the relevant land management agency is notified promptly. On the arrival of other combatant agencies, the initial Incident Controller will consult with regard to the ongoing command, control and incident management team requirements as per the relevant BEMC Plan of Operations. 		
Containment Lines	 New containment lines require the prior consent of a senior NPWS officer. Construction of new containment lines should be avoided, where practicable, except where they can be constructed with minimal environmental impact. Existing or previous roads, tracks and control lines should be used where ver possible. All personal involved in containment line construction should be briefed on, and must consider both natural and cultura heritage sites in the location. All containment lines not required for other numbers should be deced immediately at the consistence of the incident. 		
Earthmoving Equipment	 All containment lines not required for other purposes should be closed immediately at the cessation of the incident. Plant may only be used with the prior consent of a senior NPWS Officer. Plant must always be guided and supervised by an experienced officer, and accompanied by a support vehicle. Wher engaged in direct or parallel attack, this vehicle must be a fire fighting vehicle. Containment lines running along valley areas should be constructed at 20 – 50 metres from the gullyline to avoid severe erosion. Plant must not work in areas with slopes greater than 20 degrees. Plant must not work in areas with extensive rock shelves. Deriah AA - Mechanical construction of control lines is not permitted. Plant use permitted along existing roads and tracks to prepare lines, and assist with mop-up Wildemess areas - Plant will be restricted to existing roads and trails. Plant must be washed down, where practicable, prior to it entering NPWS estate and again on exiting NPWS estate. 		
Fire Suppression Chemicals	 Plant must be washed down, where practicable, prior to it entering NPWS estate and again on exiting NPWS estate. The use of foam, gels and retardants will NOT be permitted within 50 metres of dams and watercourses holding water The aerial application use foam, gels and retardants requires the approval of the Regional Manager or delegate 		
Rehabilitation	 Where practicable, containment lines should be stabilised and rehabilitated as part of the wildfire suppression operation. 		
Watering points	 Consider deployment of a bulk water carrier to support fire operations. Consider deployment of 1,000 It pallet tanks, to be refilled by helicopters, to reduce fire unit turn around. Water for aerial use may be lifted from the lower treatment pond, if drop zone is 50 metres from watercourses 		
Smoke Management	 Potential smoke impacts and mitigation tactics will be assessed during the planning of fire operations. Broadcast Australia must be contacted when smoke is assessed to impact broadcast facilities Wolking trails and public use facilities will be closed where proceeded approach during: 		
Visitor Management	 Walking trails and public use facilities will be closed, where assessed necessary, during: fire operations; days of forecast Catastrophic Fire Danger No guided activities will be permitted during periods of Severe+ Fire Danger, or during fire operations. Implement the evacuation plan during Catastrophic Fire Danger, or fires threatening walking tracks and visitor facilities 		
WARNINGS	 Remote area fire fighting operations should be postponed, or abandoned, if there is: a high risk of a storm moving through the area; or a forecast significant wind change. 		
AVIATION HAZARDS	 Power lines with long spans located at: east of Bullawa Creek Bullawa Creek to The Governor, north of Mount Kaputar Road The Governor to Mount Dowe Winds from the NW to SW can produce severe turbulence within the Nandewar Ranges. The turbulence may exten some distance. The risk of turbulence must be assessed on the lee-side of steep terrain. Operations should be suspended during periods of high turbulence. 		
	Suppression Strategies		
Condition	s & forecast Guidelines		
BKDI >100+ and ou Stable cond	 A broad containment strategy using existing roads, tracks, rocky areas, low fuel areas and recently burnt areas. Monitor during periods of lower KBDI 		
BKDI	 Consider deployment of RAFT crews as a first response. Consider a strategy that uses a combination of ground crews, machinery and fire units to 		

Map Details

able conditions forecast • Mon	tor during periods of lower KBDI.
BKDI >100 & • Cons ithin critical fire season • Cons cont	sider deployment of RAFT crews as a first response. sider a strategy that uses a combination of ground crews, machinery and fire units to ain the fire.
Severe+ FDI forecast	ider a strategy containing the fire to the smallest area practicable, using a combination of nd crews, fire units, machinery and aircraft.
IOTE: Potential "ramp" time conc	proposed backburning must be assessed on the required resources, their capacity and tr required to mop-up and secure proposed burn edges prior to the onset of Severe + itions, and then hold.
ckburning should be avoided in steep terrain e aim is to time backburning to minimise ler	n until fire fronts are within proximity of control lines. gth of fire run and spotting potential.



Vegetation management guidelines	Fire Behaviour
e ogetation management ganaemee	(under Severe / Extreme FDI)
 No prescribed burning should be conducted Avoid implementing moderate – high intensity burning operations 	 Potential rates of spread is usually low due to Nil - Low OFH •
 Minimum interval between low intensity fire events 20 years Minimum interval between high intensity fire events 50 years Selected areas to be maintained with interval greater than 100 years 	 Potential rates of spread during extended dry seasons is High due to MODERATE - VERY HIGH OFH High potential for spotting
 Minimum interval between low intensity fire events - 20 years Minimum interval between high intensity fire events - 100 years 	• Potential rates of spread during extended dry seasons is High due to MODERATE - VERY HIGH OFH
 Avoid implementing moderate – high intensity burning operations Avoid burning areas with dry rainforest elements and riparian zone vegetation Minimum interval between fire events less than 20 years and greater than 70 years should be avoided 	Potential rates of spread would be low to moderate due to MODERATE OFH
 Minimum interval between fire events - 15 years Minimum interval between high intensity fire events - 50 years Motherumbah stands require high intensity fire 	 Potential rates of spread would be low to moderate due to LOW -MODERATE OFH Localised areas of HIGH OFH may occur
 Motherumbah stands require high intensity fire Exclude low intensity prescribed burns and backburns Minimum interval for fire events between 50 & 100 years, no maximum period applied 	 Potential rates of spread is usually low due to NIL - LOW OFH Some areas will not carry any fire due to rock cover May be used as a suppression advantage
 Avoid prescribed burns during extended dry periods 	Potential rates of spread is high due to VERY HIGH elevated fuel hazard
 Minimum interval between fire events - 8 years Minimum interval between high intensity fire events - 25 years 	 Potential rates of spread is low due to NIL - LOW OFH Some areas will not carry any fire due to rock cover
 Minimum interval between fire events - 15 years Minimum interval between high intensity fire events - 25 years 	Potential rates of spread is high due to VERY HIGH elevated fuel hazard
 Prescribed burning in regeneration areas should be scheduled according to a revegetation / rehabilitation plan 	Potential rates of spread dependant on grass and shrub cover
 Minimum interval between fire events should be greater than 2 years Prescribed burning in regeneration areas should be scheduled according to a revegetation / rehabilitation plan 	 Potential rates of spread dependant on seasonal conditions A LOW OFH occurs during dry seasons A MODERATE – HIGH OFH may develop after successive wet seasons producing continuous cover
	 No prescribed burning should be conducted Avoid implementing moderate – high intensity burning operations Minimum interval between low intensity fire events - 20 years Selected areas to be maintained with interval greater than 100 years Minimum interval between low intensity fire events - 20 years Minimum interval between low intensity fire events - 20 years Minimum interval between low intensity fire events - 20 years Minimum interval between high intensity fire events - 100 years Avoid implementing moderate – high intensity burning operations Avoid burning areas with dry rainforest elements and riparian zone vegetation Minimum interval between fire events less than 20 years and greater than 70 years should be avoided Minimum interval between fire events - 15 years Motherumbah stands require high intensity fire Exclude low intensity prescribed burns and backburns Minimum interval for fire events between 50 & 100 years, no maximum period applied Avoid prescribed burns during extended dry periods Minimum interval between fire events - 8 years Minimum interval between fire events - 8 years Minimum interval between fire events - 15 years Minimum interval between fire events - 15 years Minimum interval between fire events - 8 years Minimum interval between fire events - 15 years Minimum interval between fire events should be scheduled according to a revegetation / rehabilitation plan Minimum interval between fire events should be greater than 2 years Prescrib







