PRESCRIBED BURN FIELD OPERATIONS

Operations Map on Back

Operational period (DTG)	From:	011000APR24
	To:	301700AUG24

Burn Name:	**Location Description:** [redacted], Stroud		
IC: NAME OF RFS OFFICER	**Land Tenure:** Private	**Lead Agency:** NSW RFS	Supporting Agencies: N/A

SITUATION (SMEACS)

Treatment Area (ha):	1.7ha	Fuel Loads range:	**Min**	15t/ha	**Max**	20t/ha
Vegetation Classification:	Lower North White Mahogany-Spotted Gum Moist Forest - Northern Hinterland Wet Sclerophyll Forests					
Areas where high fuel loads may present a risk to containment or crews.	Low fuels variable, care of wind gusts from the north and south. Limited fall backs to west. Elevated wind velocities funneling within gully.					

ASSETS REQUIRING PROTECTION

Asset Type	Location Sector	Protective Measures
Neighboring Farm Assets	All sectors	Maintain containment
Flora/Fauna and Aboriginal Heritage	All sectors	Protection of any hollow bearing trees
Phascolarctos cinereus (Koala)	All sectors	Low intensity burning
Dasyurus maculatus (spotted-tailed quoll)	All sectors	Protection of rocky outcrops and riparian zones

CONTROL LINES - see attached Ops Map

ALPHA	Cat 1, Cat 7 and slash line	380 m	Tactical perimeter
BRAVO	Cat 7 and slash line	380m	Tactical perimeter
Prescriptions	Grass curing 30-70% / Temp: 16 to 25C / RH: 20 to 50% / Wind Direction: Preferred W to N Wind speed: mean < 10km/hr and gusts no greater then 15km/hr / DF: 5 to 9 / Mixing heights <2,500mts, C-Haines 3-6. Unsuitable conditions if mean winds >15km/hr, or 3 of the above prescriptions are on margins.		

MISSION (SMEACS)

Aims & Objectives:

Optimum Intensity:	1,500 to 2,000Kw/m	**Percentage to be Burnt:**	90-100%
Flame Height:	1.5m average 1m to 2.5m flaring	**Scorch Height:**	Up to 6m
Residual Fuel Load:	Low	**Expected Duration:**	Up to 1 week

EXECUTION (SMEACS)

IGNITION STRATEGY – Approved by IC based on weather conditions and observed fire behaviour

Ignition Methods:	Ground Ignition

Suggested Lighting Pattern – Provide a broad strategy and intent of the ignition for ground crews.

Unlock fire tail gate to the south along community fire trail. Ensure slash line are established prior to burn.

The ignition sequence is proposed under a westerly influence. As wind direction changes the ignition point and strategy will vary accordingly.

Koalas are positively identified - Refer to NSW DPE 'Considering koalas in planned burns-Guidelines to reduce the impact of planned burns on koala populations' within burn strategies.

The burn area is divided into 2 sectors divisions, each with similar burning sequence and strategy.

Concurrently ALPHA and BRAVO sector to commence burning from the ignition point working NORTH (Alpha sector) and SOUTH (Bravo Sector). Deepening of containment line maybe undertaken up to the HOLD PTS following analysis of fire behaviour and safety measures (minimum 50m). Depending on wind direction, either sector may reduce ignition speed to allow down-wind sector to obtain adequate depth.

Monitor ignition speed to ensure both sectors arrive at the relevant HOLD PT at similar times HOLD PT 1 for ALPHA SECTOR and HOLD PT 2 for BRAVO SECTOR. If not, relevant Sector hold at HOLD PT until other sector arrives at their HOLD PT.

Ensure adequate depth is achieved around HOLD PT prior to ignition Cat 7 trail. Monitor wind direction to determine which sector will receive the wind pressure.

Continue burning along Cat 7 trail to lock-in burn.

WATER POINTS – See attached Ops Map

Operational Use	Type	Location Description	Grid Reference
Fire Ground	Dam	700m south of burn area 50m west of Bede Street	GR [redacted] / [redacted]
Fire Ground	Water Tanker	Margaret House	GR [redacted] / [redacted]

ADMINISTRATION (SMEACS)

Assembly Area /Address	Assembly Area located at the property homestead at 143 Bede Street, Stroud
Catering	All volunteers to provide their own food.

COMMAND AND COMMUNICATIONS (SMEACS)

COMMUNICATIONS:	**Command Channel:**
Fireground: Ground to Air:	UHF
COMMAND STRUCTURE	

ROLE	CALL SIGN	CHANNEL	NAME	MOBILE NUMBER
Burn IC	Listening IC			
Safety Officer				
Sector Leader	Alpha Command			
Sector Leader	Bravo Command			
Private Assets (Alpha)				
Private Assets (Bravo)				
Water Tanker				

SAFETY and HAZARDS

- **HAZARDOUS TREES**: Fireground is a hazardous environment with high incidence of tree falls in recently burnt areas. Be aware of the potential for falling trees and limbs. Crew Leaders
  - Identify safe refuges away from hazardous trees when stationary for long periods. Assess the need for vehicle-based firefighting in areas where hazardous trees are present.
  - Clearly mark and report dangerous trees to IMT.
  - Forecast strong wind must be monitored and crews to take refuge when needed.
- **VEHICLE SAFETY**: All trails must be assessed for traffic access prior to driving.
- **FATIGUE:** Crews are to manage fatigue and discuss concerns with Sector Commanders.
- **ESCAPE ROUTES**: Crews to make themselves aware of escape routes relevant to sector.
- **REFUGE AREAS:** Ensure anchor points are well established. Be aware of the potential wind change.
- **CRITICAL INCIDENT STRESS:** Refer CIS matters to Burn IC

LACES

- **Lookouts -** Post a lookout to observe the fire (watch for spot-overs) and/ or dangerous trees or other identified hazard at all times.
- **Awareness -** Know where all crew members are, where the fire is and what tasks are being undertaken around you.
- **Communications** - Ensure you have adequate communications and are not in a radio black-spot
- **Escape routes -** Ensure established, accessible and known to everyone. Ensure safety refuges are close by.
- **Safety Refuges -** Ensure the diameter of a safety refuge is at least 3 to 4 times the flame height of the fire/ a safe distance from dangerous trees

Steps to follow if a person is injured

1. First ensure area is safe to respond and render first aid.
2. For serious injuries obtain and relay medical details to 000 ANSW
3. Advise Burn IC of nature of emergency, patient assessment & location
4. **Non-life threatening & walking:** return to vehicle and Assembly Area - seek treatment
5. **Non-life threatening not walking:** call 000 contact Burn IC seek advice / follow extraction plan
6. **Life threatening: call 000 contact IC seek advice / request immediate evac.**

Air Medivac coordinator: Burn IC

P: patient age and sex
A: area they're in – lat/long if available
I: injuries
N: needs – of the crew and the patient: first aid, hydration, medical
T: timing / urgency: life threatening / non-life threatening
E: egress / extraction plan
R: risks: e.g., trees, slopes, cliffs

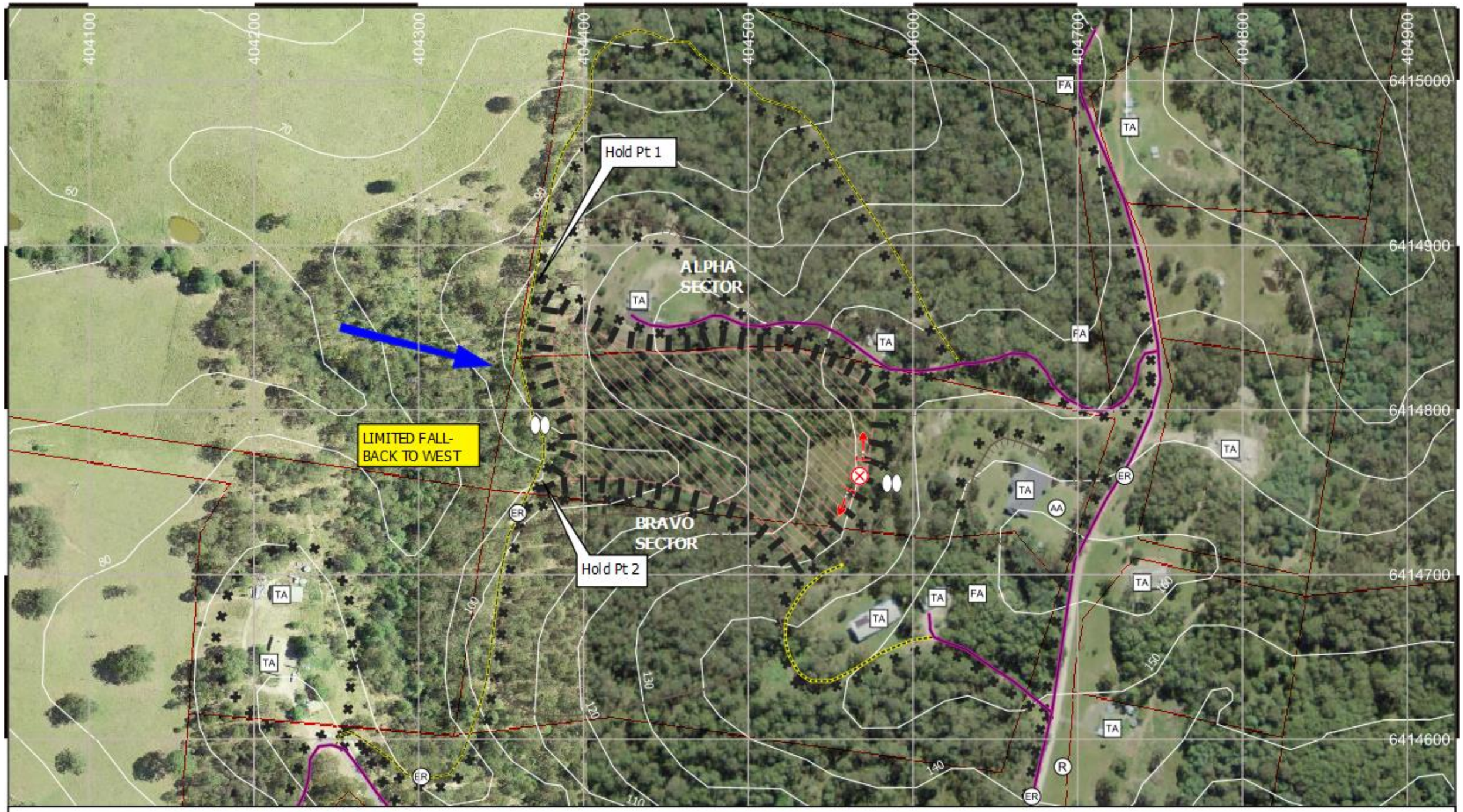
MEDIVAC	Address/ Description	Grid Reference	Lat/ Long	UBD Reference
Ambulance Meeting Point	[redacted], Stroud	GR [redacted] / [redacted]	[redacted]	N/A
Helicopter Landing Point		GR [redacted] / [redacted]		N/A

PRE_BURN CHECKS

Weather Forecast	☐	Neighbour Notifications	☐	Public Signage / security	☐	Containment line checked	☐

PRESCRIBED BURN FIELD OPERATIONS

Approved by IC- Name: **Signature:** _____ **Date:** _____



Ops Map

- Ignition Pt
- Ignition progression
- Sector Boundary
- Vehicle Water
- Heli Water
- Assembly Area
- Helipad
- Refuge Area
- Escape
- Threatened Built Assets
- Threatened Fauna
- Threatened Flora
- 10m Contours
- Watercourse
- Category 1 Essential
- Category 7 Important
- Category 9 Important
- Management_Slash line
- Preferred wind direction
- Fall-back containment
- Containment line
- Proposed Burn Area
- Cadastral
- SixMap Imagery

0 50 100 m

BEMC