PRESCRIBED BURN FIELD OPERATIONS

Operations Map on Back

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

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

SITUATION (SMEACS)

Treatment Area (ha):	0.7ha	Fuel Loads range:	**Min**	10t/ha	**Max**	20t/ha
Vegetation Classification:	Lower North Spotted Gum-Mahogany-Ironbark Sheltered Forest					
Areas where high fuel loads may present a risk to containment or crews.	The area has high lantana infestation within BRAVO sector and limited containment to the EAST in BRAVO sector. Canopy density higher than illustrated on Ops Map.					

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

CONTROL LINES - see attached Ops Map

ALPHA	Cat 9 Mineral earth	km	Tactical perimeter
BRAVO	Cat 9 Mineral earth	km	Tactical perimeter
Prescriptions	Grass curing 30-70% / Temp: 16 to 25C / RH: 20 to 50% / Wind Direction: Preferred easterly 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.

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

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

Establish connections and pump on static water system at top of hill prior to commencing burn. RFS to provide back-up water tank for water support.

BRAVO sector to commence burning from ignition point working to the NORTH-EAST and hold at HOLD POINT 1.
ALPHA sector to commence burning from the ignition point working NORTH keeping in front of the fire ignited on BRAVO sector to HOLD POINT 2. When adequate depth (minimum 50m) is achieved in ALPHA sector, BRAVO sector can continue burning past HOLD POINT 1.

Deepening of containment line maybe undertaken following analysis of fire behaviour and safety measures.

Once adequate depth is achieved in BRAVO sector (fire working down slope to the west, within 30m of ALPHA sector, under IC direction APLHA can continue burning pass HOLD POINT 2 to lock in burn perimeter.

Commence monitoring and mop un of all sectors to a minimum of 30m.

Apply Forest Rate of Spread thumb rule of 10% of wind speed (* 4 for 10 degrees slope) for upslope fire run.

Monitor and blackout burn for days following to ensure total extinguishment of containment to 50m.

WATER POINTS – See attached Ops Map

Operational Use	Type	Location Description	Grid Reference
Fire ground	Static Water Supply	Top of Hill	GR [redacted] / [redacted]
Fire ground	Water Tanker	Top of Hill	GR [redacted] / [redacted]

ADMINISTRATION (SMEACS)

Assembly Area /Address	Assembly Area located at the property homestead at [redacted] Wootton
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	Wootton IC			
Safety Officer				
Sector Leader	Alpha Command			
Sector Leader	Bravo Command			
Private Assets (Alpha)				
Private Assets (Bravo)				
RFS 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 ASNW
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

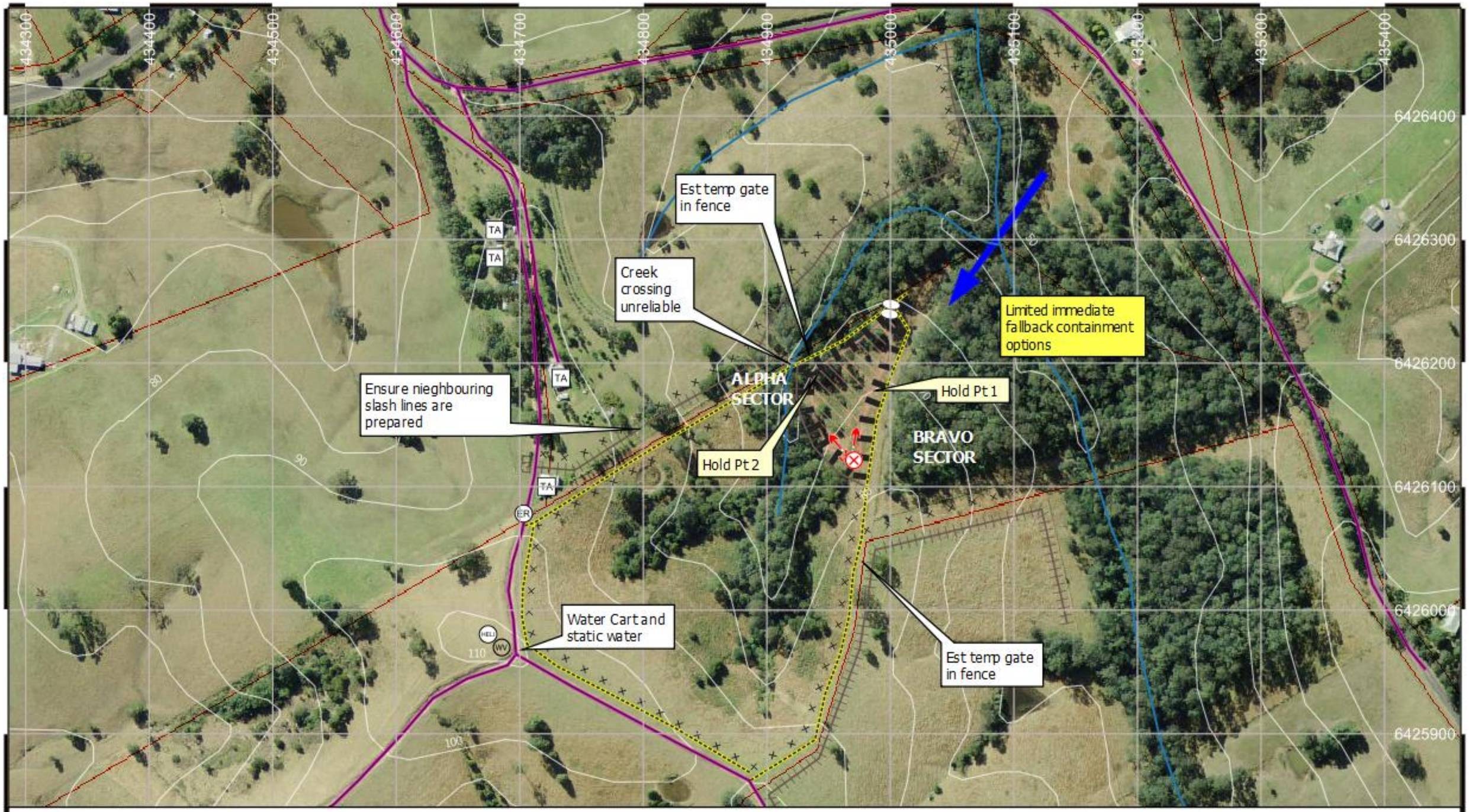
P: patient age and sex
A: area they're in – lat/long if available
I: injuries
N: needs – of the crew and the patient: first aid, hydration, medical
T: timing / urgency: life threatening / non-life threatening
E: egress / extraction plan
R: risks: e.g., trees, slopes, cliffs

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

PRE_BURN CHECKS

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

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 50 100 150 m

BEMC