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# Bushfire Evacuation (Response) Plan

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Lot 1107 (40) Masonmill Road, Carmel

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City of Kalamunda

Project Number: 16656

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## Document Control

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Author	Accreditation	Signature
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### The Bushfire Evacuation (Response) Plan

BPP commissioned by: Landinsights

Purpose: To satisfy a condition of planning approval

For Submission to: City of Kalamunda

BERP Template - v2.3 02/2018

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# 1 Annual Plan Review and Practice Log

## IMPORTANT

The Bushfire Emergency Response and Evacuation plan should be viewed as a living document. Prior to the start of each bushfire season it should be reviewed, revised where necessary and the required responses practiced.

The revisions should reflect changes in technology, personnel, and procedures.

Within the nominated emergency assembly building (and the primary building on the property if it is different):

1. The latest version of the 'Plan' must be available; and
2. The Site Response Map, the Bushfire Response Zones Map and Sections 1, 2, 3, 4, 8, 9 of the Plan must be clearly displayed.

Date	Plan Reviewed	Modification Requested	Response Procedures Practiced	Responsible Person	
		Yes / No	Yes / No	Name	Signature
	<input type="checkbox"/>				
	<input type="checkbox"/>				
	<input type="checkbox"/>				
	<input type="checkbox"/>				
	<input type="checkbox"/>				
	<input type="checkbox"/>				
	<input type="checkbox"/>				
	<input type="checkbox"/>				
	<input type="checkbox"/>				
	<input type="checkbox"/>				

## 2 Key Site Information

<b>Lot 1107 (40) Masonmill Road, Carmel</b>		
Site Area	4.0469ha	
Onsite vegetation	Managed Gardens.	
Offsite vegetation	Open Forest, Woodland, Grassland.	
Nearest Road	Masonmill Road.	
Name of Nearest Cross Road (and distance)	Canning Road.	288 metres (from driveway access)
Access & Egress	Masonmill Road provides two connection points with Canning Road.	
Nearest Town (Major centre)	Kalamunda Town-site.	
Water Supply	Non-Reticulated water supply to site. Provision for multiple water tanks, combined capacity in excess of 910,000ltrs with access & associated couplings for fire-appliance connection. Nearest hydrant located on the corner of Carmel Road & Canning Road, 825m north of the site.	
Maximum occupants onsite	<ul style="list-style-type: none"> <li>• Currently (1) occupant living on-site.</li> <li>• The 'complex' can accommodate up to (4) people at any given time – short stay only.</li> <li>• At capacity, the site can accommodate (300) persons – at any given time.</li> </ul>	
Are occupants permanent or transient?	Combination of both permanent occupants & public visitors on site.	
Are occupants disabled, medically dependent, young children or elderly?	Public attendance venue – consideration to possible special requirements in the event of an evacuation.	
Assets on site (Built Infrastructure)	Café & Restaurant, Amenities & Administration, Caretaker & Ground Floor Support Building, Maintenance Building, Pro-Shop & Gift Shop, External Storage & Served, Railway Carriage, Toilet Block.	
Hazards on site	2500ltr capacity LPG tank located near Café & Administration buildings. Small chemical storage area located rear of maintenance building.	
Caretaker onsite	Yes. Currently staff on-site (Full time caretaker).	

**Nominated Emergency Assembly Building**

Muster points are located in the visitor carpark and overflow carpark. (Current Muster Point Locations)

(Refer to the Site Response Map Appendix 6)

**Responsible Persons Onsite**

Position	Name	Contact Details (landline / mobile)
Manager	Ivan	9293 5157 / 0418 914 170
Managers Assistant	Tania	9293 5157 / 0409 190 120

### 3 Safe Evacuation Location & Safe Evacuation Routes

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The nominated evacuation location is stated below. However, if this is not available for any reason then a suitable evacuation route should be adopted.

The suitability of evacuation routes will vary depending on road conditions which might be normal, or disrupted and blocked. Therefore, it will be important to have an optional route planned. The evacuation routes for this site are stated below and marked on the Bushfire Response Zones Map (Appendix 7).

#### North Evacuation Location

**Kalamunda Townsite** – a low bushfire threat area with public buildings that can be used for shelter (as directed by Emergency Services). Occupants and public visitors will travel by private vehicle, unless directed otherwise by the relevant emergency services authority.

Directions: Left (north east) on Masonmill Road, Left (north) on Canning Road, Continue (north) on Canning Road Kalamunda to townsite (Haynes Road).

#### Western Evacuation Location

**Lesmurdie Townsite** – a low bushfire threat area with public buildings that can be used for shelter (as directed by Emergency Services). Occupants and public visitors will travel by private vehicle, unless directed otherwise by the relevant emergency services authority.

**Ray Owen Sports Centre** – Left (north east) on Masonmill Road, Left (north) on Canning Road, Left (west) on Welshpool Road East, Right (north) on Gladys Road to Ray Owens Sports Centre (on right).

**Note:** Consideration must be given to occupants or public that may require patient/emergency transport to additional care facilities, where injuries result from an incident on site.

## 4 Emergency Contacts

State Contacts		
Name of Organisation	Service	Phone Number/ Website
Life Threatening Emergencies	Fire / Ambulance / Police	000
Department of Fire & Emergency Services (DFES)	Emergency Information	13 3337 www.dfes.wa.gov.au
Department of Fire & Emergency Services (DFES)	Recorded Information Line	1300 657 209
Bureau of Meteorology (BOM)	Recorded Information Line	1300 659 213
State Emergency Service (SES)	Various Emergency Services	132 500
St John Ambulance	Emergency Medical/Transport	000 / 9538 3322
Red Cross	Emergency Humanitarian Assistance	9225 8888 (all hours)
Salvation Army	Social Services Care Line	1300 36 36 22
Sir Charles Gardiner Hospital	Medical Services	(08) 9346 3333
Princess Margaret Hospital	Medical Services	(08) 9340 8222
St John of God Midland Public Hospital	Medical Services	(08) 9462 4000
Western Power	Power outages, lines down	131351
Department of Transport and Main Roads	Road Conditions	138 138
Department of Child Protection and Family Support	Crisis Care	9222 2555 After hours - 9223 1111
Local Contacts		
Name of Organisation/Person	Service	Phone Number/ Website

## 5 Plan Purpose and Compliance

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### 5.1 Purpose of the Bushfire Evacuation (Response) Plan

The intent of this Bushfire Evacuation (Response) Plan is to provide strategic guidance to the landowners and occupants of the subject site with respect to:

1. Provision of information and tools to assist with preparation for a future bushfire event; and
2. Provide actionable guidance in the event of a bushfire threatening the site.

The content of this Plan is specifically targeted at vulnerable persons who do not have the skills or experience to accurately determine the potential risk and behaviour of a bushfire. Therefore, it is not a technical document and the emphasis is on the safety of lives rather than preservation of property.

As a result, the guidance provided in this Plan is based on information that is easily obtained and incorporating a large safety margin into the required timing of response actions.

***This 'Plan' has been developed for the proposed occupants of the Masonmill Gardens venue, Lot 1107 (No.40) Masonmill Road, Carmel, in the City of Kalamunda.***

### 5.2 Compliance

The development and content of this Bushfire Evacuation Plan is aligned with the following policies and guidelines:

- Evacuation Planning Handbook 4, 3rd edition (2013) AEMI;
- State Planning Policy 3.7 – Planning in Bushfire Prone Areas (December 2015);
- Guidelines for Planning in Bushfire Prone Areas WAPC 2017 v1.3;
- Australian Standards (AS) 3959-2009 Construction of buildings in bushfire prone- areas;
- Bush Fires Act 1954 (as amended); and
- AS 3745-2010 Planning for Emergencies in Facilities.

## 6 Bushfire Emergency - Preparedness

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### 6.1 Statement of the Priority Safety Objective for this Site

This site and its proposed occupants have been determined to meet the definition of a 'Vulnerable Community' and a 'High Risk Land Use'.

If this property is subject to a bushfire event, the priority will be to evacuate all persons at the earliest possible time, if this can be achieved safely.

**WATCH and ACT (LEAVE EARLY) BEFORE DANGEROUS CONDITIONS EVENTUATE**

### 6.2 Early Evacuation Considerations – Persons with Special Needs

Members of the community and/or staff with special needs such as asthma or respiratory conditions need to be identified for early evacuation should the air quality become affected by smoke.

People with asthma and pre-existing respiratory, cardiovascular illnesses or diabetes should follow their pre-prepared treatment plan.

People with conditions exacerbated by smoke should take precautions in line with their medical advice for these circumstances.

Aged care occupants and some residents may require additional arrangements for medication, medical supplies and transport off-site.

## 6.3 Property Preparation Procedures

Who	Part A - Early Preparation – Before a Bushfire Event	Completed
<b>The Bushfire Evacuation (Response) Plan</b>		
	Check that the responsible persons know the location of the Plan.	<input type="checkbox"/>
	Updated versions of the Annual Plan Review, the Site Response Map, the Bushfire Response Zones Map, the Property Preparation table and the Emergency Contacts table must be displayed in the nominated emergency assembly building and the primary building on the property (if it is different).	<input type="checkbox"/>
<b>Buildings</b>		
	Check LPG gas cylinders are positioned with pressure relief valve pointing away from structures with six metre gap from fuels.	<input type="checkbox"/>
	Check and minimise the existence of all small combustible items (including combustibles on verandahs and decking) from around the building that has been nominated as the Emergency Assembly Building.	<input type="checkbox"/>
<b>Evacuation Vehicles</b>		
	Identify the transport options and the vehicles that will be used to evacuate occupants. Confirm the: <ul style="list-style-type: none"> <li>• Capacity required;</li> <li>• Type of vehicle and suitability for persons with additional mobility requirements;</li> <li>• Source of the vehicles (onsite or offsite);</li> <li>• Lead time required to organise offsite vehicle procurement and preparation; and</li> <li>• Vehicle length and the existence of the required turnaround area onsite.</li> </ul>	<input type="checkbox"/>
	Check each vehicle has: <ul style="list-style-type: none"> <li>• a copy of the “Guidelines for Sheltering in Vehicles”; and</li> <li>• a copy of the “Evacuation Routes” that have been determined for the property; and</li> <li>• woolen blankets.</li> </ul>	<input type="checkbox"/>
Who	Part B - Bushfire Present Within Bushfire Awareness Zone	Completed
<b>Evacuation Vehicles</b>		
	Check all evacuation vehicles are at least ¾ full of fuel.	<input type="checkbox"/>
	Check vehicles visually for road worthiness – tires, windshield/windows, headlights, taillights.	<input type="checkbox"/>
	Check woolen blankets are present in the vehicle.	<input type="checkbox"/>
	Check adequate water supplies are present in the vehicle.	<input type="checkbox"/>
	Check if medication or medical supplies required to be transport in vehicle.	<input type="checkbox"/>

## 7 Bushfire Emergency - Awareness

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### 7.1 Site Response Map

The Site Response Map (Appendix 6) identifies:

1. The nominated Emergency Assembly Area/Building; and
2. Directions to the safe evacuation routes.

### 7.2 Bushfire Response Zones Map

The Bushfire Response Zones Map (Appendix 7) identifies the two bushfire response zones and the safe evacuation routes from the subject Site.

The dimensions of the bushfire response zones have been determined with consideration of:

- The site's situation in the broader landscape, including the wider road network, proximity of settlements, extents of vegetated areas, distances to safe areas, population density of the surrounding area, the numbers and mobility of residents onsite, the likely hood of being able to receive accurate and timely bushfire information;
- The potential rate of spread of a fire in the surrounding vegetation (the key factors being the type and structure of vegetation that is present and the topography of the area); and
- Incorporating the knowledge and practical experience of a BPAD Level 3 accredited bushfire practitioner in determining the appropriate length of time required for decisions and response.

#### **1. Bushfire Awareness Zone**

The purpose of the Bushfire Awareness Zone is to indicate an appropriate area surrounding the subject property within which you must:

- Be aware of the existence and to the best extent possible, the location and movement of a bushfire; and
- Confirm that the required property preparation has been conducted earlier and monitor.

#### **2. Evacuation Readiness Zone**

The purpose of the Evacuation Readiness Zone is to indicate an appropriate area surrounding the subject property within which, if a bushfire is present, the focus must be on executing safe evacuation.

### 7.3 Information Sources to Monitor

**ABC local radio** – Monitor regularly for local bushfire information (weather trends, warnings, locations).

**BOM website** – Monitor regularly for fire danger ratings and weather conditions and trends.

**DFES website** – Monitor regularly for fire danger ratings, warnings bushfire locations / movement, and instructions. Source information and prepare requirements for sheltering from a bushfire within a building.

**Emergency WA website** – Monitor for incident advice and location of incidents.

**Mobile phones** – Monitor for official emergency text messages.

## 8 Bushfire Emergency (Response) - No Bushfire Identified

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### 8.1 Daily actions during the bushfire risk season

#### Bureau of Meteorology FDR Forecast 'Severe', 'Extreme' or 'Catastrophic'

Confirm or conduct the property preparation either the day before or first thing in the morning (Section 6.3);

Consider total Evacuation / Relocation of all non-essential staff and members of the community from the property the day before; and

Consider evacuating remaining staff by 9am on the day. It is important to evacuate early, hours before a bushfire starts. Do not wait and see.

#### Bureau of Meteorology FDR Forecast 'Very High'

Confirm or conduct the property preparation either the day before or first thing in the morning (Section 6.3);

A briefing to be provided to all staff that addresses the forecast Fire Danger Rating and its implications for the day;

Nominated personnel will consult and continue to monitor the Bushfire Awareness Zone for bushfires throughout the day and evening. Monitoring will consist of checking websites, listening to the radio and looking out for smoke on the horizon regularly but at least three times daily (e.g. morning, midday and afternoon); and

All personnel to maintain hydration.

#### Bureau of Meteorology FDR Forecast 'High' or 'Low-Moderate'

Carry on normal business; and

Monitor the Bushfire Awareness Zone for any signs of bushfire.

## 9 Bushfire Emergency – Response – Bushfire Identified

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### 9.1 Bushfire is Identified within the Bushfire Awareness Zone

A bushfire is identified within the Bushfire Awareness Zone **BUT** it is not within the Evacuation Readiness Zone. (Refer Appendix 7)

#### Action

1. Confirm completion or conduct the preparation of buildings and evacuation vehicles (Section 6.3);
2. Staff or occupants should, to the best extent possible, locate the bushfire on the Bushfire Response Zones Map and identify the direction of the fire movement (consider local wind direction and any information from the emergency services). Be aware there may be several bushfires;

***If the bushfire location is unable to be determined with reasonable accuracy, assume the worst and prepare to evacuate.***

3. Staff or occupants must identify the appropriate evacuation location/route to use should the decision be made to evacuate, and an alternative if available (Section 3 and Appendix 7); and
4. Monitor the situation closely, keep informed.

#### Making the Decision to Evacuate

1. Be aware of your ongoing ability to evacuate safely and base the decision to evacuate on this ability or any emergency services directives received; and
2. If the fire is moving towards your required evacuation route evacuate now if you can execute the evacuation safely.

***If the Evacuation Routes are determined to no longer be safe, then SHELTERING-IN-PLACE will be the required action. Follow the procedures in Section 9.3.***

## 9.2 Bushfire is Identified within the Evacuation Readiness Zone

All persons on the Site are to gather in the nominated Emergency Assembly Area stated below and identified on the Site Response Map (Appendix 6).

**Assemble in:** Muster points are in the visitor carpark and overflow carpark (dependent upon location and nature of incident – direction will be given by on-site staff).

1. Bring all identified evacuation vehicles to the Emergency Assembly Area and confirm or conduct their preparation (Section 6.3);
2. Identify the safest evacuation location/route to use and an alternative if available (Section 3 and Appendix 7); and
3. Continue to monitor all bushfire information sources (Section 7.3).

**If a safe evacuation route is available**            **Evacuate**

**If a safe evacuation route is not available**            **Shelter in Place**

*If the Evacuation Routes are determined to no longer be safe, then SHELTERING-IN-PLACE will be the required action. Follow the procedures in Section 9.3.*

## 9.3 Shelter in Place Procedures

Shelter in the nominated Emergency Assembly Building stated below and identified on the Site Response Map (Appendix 6)

**Shelter in:** Existing buildings, with asset protection zones in place, offer the best protection. Shelter in the Café and Restaurant building, located centrally on-site.

Note: Public visitors/occupants may be directed by the relevant emergency services authority to shelter in an alternative location.

### Prepare the building by:

- Removing all small combustible items from around the building in which sheltering - including combustibles from verandahs and decking;
- Remove curtains and flammable furniture away from windows;
- Close all doors and windows; and
- Be prepared to isolate electricity to sections (or all) of the building as required.

### Immediately notify DFES by dialling 000 and give the following details:

1. Nature of the incident and state that people are sheltering in place;
2. Location (street address);
3. Nearest cross roads (names and distance);
4. Where sheltering;
5. Entry point to shelter – identifying markers;
6. Number of people sheltering;
7. Number of special needs persons;
8. Can you see the fire front /estimate distance away; and
9. Can you see spot fires / are spot fires around the shelter?

If the nominated Emergency Assembly Building is deemed unsafe or to be under direct threat, staff/residents must evaluate the situation and make informed decisions. The choice will be to continue to stay and defend or proceed to an area of minimal fuel vegetation as a last resort and if it is safe to do so.

The latter action is not recommended, but is an alternative if the current refuge is deemed to be not safe for occupants and vehicle evacuation routes remain unsafe.

## 10 Return Procedures Post Evacuation

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The return of evacuees should be a planned and managed process in consultation with relevant authorities and service providers.

This is to ensure the safety, welfare and ongoing support needs of the community are met.





## Appendix 3

### Guidelines for Sheltering in Vehicles

#### **COPY AND KEEP IN GLOVE BOX**

Many fatalities have occurred when people have been caught on the road, either on foot or in vehicles. Sheltering inside a vehicle offers a slightly higher chance of survival than being caught in the open, evacuating early is the preferred and safest option. Sheltering inside a car is a high risk activity. The following general advice may help minimize the level of risk.

#### **Encountering smoke or flames:**

- If smoke is in the distance or can be smelt, find another way and drive away.
- If confronted with smoke or flames on the road, stop as soon as it is safe, turn on headlights and hazard lights. Continuing to drive through thick smoke and flames is risky, do not park on the road.
- Whenever possible (and safe to do so) driving away from danger is preferable.
- If the fire front is too close the preferred option may be to look for a safe place to park.
- Try and establish communications with authorities through phoning 000 and let them know of your situation and location.

#### **Positioning the vehicle:**

- Park away from fine fuels, (bush, grass, overhanging branches, etc.).
- A non-combustible surface is best.
- Don't park too close to other vehicles.

#### **Stay inside your vehicle:**

- Do not get out, your vehicle offers the best level of protection from radiant heat.
- Turn all lights on, tightly close all windows and doors & Leave engine running.
- Place vehicle ventilation on re-circulation and leave air conditioning on.
- Get down below window level into the foot wells and shelter under woolen blankets.

#### **As the fire front passes:**

- Stay in the vehicle until the fire front has passed and the outside temperature has dropped. You will need to exit the vehicle as early as possible as it may be on fire.
- Once the fire front has passed cautiously exit the vehicle, move to a safe area such as a strip of land already burnt or rocky outcrop.
- Stay covered in blankets, keep drinking and contact authorities if possible.

## Appendix 4

### Information – Fire Danger Ratings – A Decision Aid

“If you are in a bushfire risk area you need to know what the Fire Danger Rating (FDR) is for your area, monitor local conditions and keep informed.

Understanding the FDR categories and what they mean to you will help you to make decisions about what to do if a bushfire starts.

The FDR is based on the forecast weather conditions and gives you advice about the level of bushfire threat on a particular day. When the rating is high, the threat of a bushfire increases.

When the FDR is Extreme or Catastrophic for your area, it means any fires that start are likely to be so fierce that even a well prepared, well-constructed and actively defended home may not survive a fire.

If this sort of weather is expected, you should leave the day or hours before a fire might threaten as this is the best option” (source DFES).

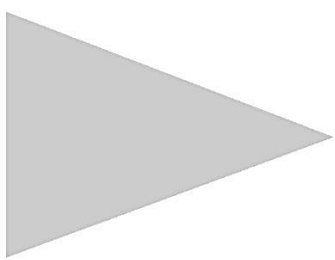
Further details about what the FDR categories mean and actions to take, are provided on the following page.



**Figure 1:** Fire Danger Rating (FDR) Graphic (Source: DFES).

# FIRE DANGER RATING AND WHAT IT MEANS TO YOU.

FIRE DANGER RATING	WHAT DOES IT MEAN?	WHAT SHOULD I DO?
<b>CATASTROPHIC</b> 100+	<ul style="list-style-type: none"> <li>These are the worst conditions for a bush or grass fire</li> <li>If a fire starts and takes hold, it will be extremely difficult to control and will take significant firefighting resources and cooler conditions to bring it under control</li> <li>Spot fires will start well ahead of the main fire and cause rapid spread of the fire. Embers will come from many directions</li> <li>Homes are not designed or constructed to withstand fires in these conditions</li> <li>The only safe place to be is away from bushfire risk areas.</li> </ul>	<p><b>YOU NEED TO ACT NOW</b></p> <ul style="list-style-type: none"> <li>Put your survival first and leave bushfire risk areas the night before or early in the day – this is your best option</li> <li>Act immediately – do not wait and see:             <ul style="list-style-type: none"> <li>▶ leave now</li> <li>▶ avoid forested areas, thick bush or long, dry grass</li> <li>▶ take shelter if you cannot leave</li> </ul> </li> </ul>
<b>EXTREME</b> 75-99	<ul style="list-style-type: none"> <li>These are very hot, dry and windy conditions for a bush or grass fire</li> <li>If a fire starts and takes hold, it will be unpredictable, move very fast and difficult for firefighters to bring under control</li> <li>Spot fires will start and move quickly. Embers may come from many directions</li> <li>Homes that are prepared to the highest level, have been constructed to bushfire protection levels and are actively defended may provide safety</li> <li>You must be physically and mentally prepared to defend in these conditions</li> <li>The only safe place to be is away from bushfire risk areas.</li> </ul>	<p><b>YOU NEED TO GET READY TO ACT</b></p> <ul style="list-style-type: none"> <li>Only stay with your property if you are prepared to the highest level. This means your home needs to have been constructed to bushfire protection levels eg. enclosed eaves, covers over external air conditioners, metal flyscreens etc</li> <li>You must be well prepared and able to actively defend your home if a fire starts. This means you have the right equipment and resources to put out fires around your home eg. enough water supply, petrol/diesel portable pump, generator, protective clothing etc</li> <li>If you are not prepared to the highest level, leaving bushfire risk areas early in the day is your safest option.</li> </ul>
<b>SEVERE</b> 50-74	<ul style="list-style-type: none"> <li>These are hot, dry and possibly windy conditions for a bush or grass fire</li> <li>If a fire starts and takes hold, it may be hard for firefighters to control</li> <li>Well prepared homes that are actively defended can provide safety</li> <li>You must be physically and mentally prepared to defend in these conditions.</li> </ul>	<p><b>YOU NEED TO BE AWARE</b></p> <ul style="list-style-type: none"> <li>Well prepared homes that are actively defended can provide safety. This means you have the right equipment and resources to put out fires around your home eg. enough water supply, petrol/diesel portable pump, generator, protective clothing etc.</li> </ul>
<b>VERY HIGH</b> 32-49	<ul style="list-style-type: none"> <li>These are hot, dry and possibly windy conditions for a bush or grass fire</li> <li>If a fire starts and takes hold, it may be hard for firefighters to control</li> <li>Well prepared homes that are actively defended can provide safety</li> <li>You must be physically and mentally prepared to defend in these conditions.</li> </ul>	<p><b>YOU NEED TO BE AWARE</b></p> <ul style="list-style-type: none"> <li>Well prepared homes that are actively defended can provide safety. This means you have the right equipment and resources to put out fires around your home eg. enough water supply, petrol/diesel portable pump, generator, protective clothing etc.</li> </ul>
<b>HIGH</b> 12-31	<ul style="list-style-type: none"> <li>If a fire starts, it is likely to be controlled in these conditions and homes can provide safety</li> <li>Controlled burning may occur in these conditions if it is safe – check to see if permits apply.</li> </ul>	<ul style="list-style-type: none"> <li>Check your bushfire survival plan</li> <li>Monitor conditions</li> <li>Action may be needed</li> <li>Leave if necessary</li> </ul>
<b>LOW-MODERATE</b> 0-11	<ul style="list-style-type: none"> <li>Be aware of how fires can start and reduce the risk</li> </ul>	<ul style="list-style-type: none"> <li>Check your bushfire survival plan</li> <li>Monitor conditions</li> <li>Action may be needed</li> <li>Leave if necessary</li> </ul>



Fires can threaten suddenly and without warning.

Watch for signs of fire, especially smoke and flames.

Know your Fire Danger Rating and be aware of local conditions.

Have your bushfire survival plan and kit ready.

To seek information listen to local radio, go to [www.dfes.wa.gov.au](http://www.dfes.wa.gov.au) or call the DFES information line on **13 DFES (13 3337)**.

**Call 000 to report a fire.**

**PREPARE. ACT. SURVIVE.**

## Appendix 5

### Information – Bushfire Warning System - Situational Awareness



Further details on the DFES Bushfire Warning System Alert Levels are presented on the following page.

Where possible, continually monitor the DFES website for emergency alerts, warnings and updates.

The link is <https://www.emergency.wa.gov.au/>

DFES Information Line 1300 657 209

DFES Alerts on ABC local radio

DFES Emergency Telephone Alerts: All landline and mobile telephone numbers (including silent numbers) are automatically registered to receive warning messages based on their billing address.

# BUSHFIRE WARNINGS: WHAT SHOULD YOU DO?

ALERT LEVEL	WHEN WILL IT BE ISSUED?	WHAT SHOULD YOU DO?
<p><b>ADVICE</b></p> <p>Be aware and keep up to date Issued at 11am and 4pm unless the situation changes</p>	<ul style="list-style-type: none"> <li>When a fire has started but there is no immediate danger</li> <li>There is no known threat to lives and homes</li> <li>The fire is likely to be small and may be causing smoke near homes</li> <li>Firefighters will be able to control the fire</li> </ul>	<p><b>You need to be aware</b></p> <ul style="list-style-type: none"> <li>Stay alert and monitor your surroundings by watching for signs of a bushfire, especially smoke and flames</li> <li>Check the Fire Danger Rating for your area</li> <li>Close all doors and windows</li> <li>Turn off evaporative air conditioners but leave water running through the system if possible</li> <li>Read through your bushfire survival plan. If you do not have one decide what you will do if the situation gets worse</li> </ul>
<p><b>WATCH AND ACT</b></p> <p>Put your preparations into action – do not wait and see Issued every two hours unless the situation changes</p>	<ul style="list-style-type: none"> <li>When a fire is approaching and conditions are changing</li> <li>There is a possible threat to lives and homes</li> <li>The fire will be out of control. There may be smoke and embers around your home and roads</li> <li>Firefighters will be working with machines to put in containment lines to stop the fire spreading</li> </ul>	<p><b>You need to leave or get ready to defend</b></p> <ul style="list-style-type: none"> <li>Put your bushfire survival plan into action</li> <li>If you have decided to leave for a safer place, leave now and take your survival kit with you</li> <li>Leave well before roads are closed and full of smoke</li> <li>If you are not prepared for a bushfire the safest place is to be away from the fire</li> <li>If you plan to stay and actively defend make final preparations now</li> </ul>
<p><b>EMERGENCY WARNING</b></p> <p>Take immediate action to survive – you will be impacted by fire Issued every hour unless the situation changes</p>	<ul style="list-style-type: none"> <li>When there is immediate danger and the fire will impact your home</li> <li>There is a threat to lives and homes</li> <li>The fire will be out of control and moving very fast. This is the highest level of warning</li> <li>Firefighters will find it difficult to control the fire and it will take significant firefighting resources and a change in conditions to bring it under control</li> <li>A siren sound called the Standard Emergency Warning Signal (SEWS) may be used to get your attention on radio and television</li> </ul>	<p><b>You need to act immediately to survive</b></p> <ul style="list-style-type: none"> <li>If the way is clear leave immediately for your safer place and take your survival kit with you</li> <li>If you have not prepared your home, it is too late to do it now. Your safest option is to leave for a safer place, if the way is clear</li> <li>Do not relocate at the last minute in a vehicle or on foot as this is deadly, leave immediately if the way is clear</li> <li>If you are unable to leave you need to get ready to take shelter in your home and actively defend it</li> </ul>
<p><b>ALL CLEAR</b></p> <p>Take care to avoid any dangers and keep up to date Issued when the threat has passed</p>	<ul style="list-style-type: none"> <li>When the danger has passed and the fire is under control</li> <li>Firefighters will be working to put the last bits of the fire out and make the area safe</li> <li>It may still not be safe to return home. Emergency services will advise when you can go home</li> </ul>	<p><b>You need to be careful</b></p> <ul style="list-style-type: none"> <li>Remain vigilant in case the situation changes</li> <li>When driving in the fire area you should take extreme caution and drive slowly</li> <li>Dangers like smoke, fallen trees and downed power lines may be on roads and emergency services will still be working in the area</li> </ul>

**LEGEND**

- Subject Area : Lot 1107
- Assembly / Muster Point
- Site Entry / Exit
- Evacuation Route

**EVACUATION ROUTES**

**Nominated Evacuation Locations**

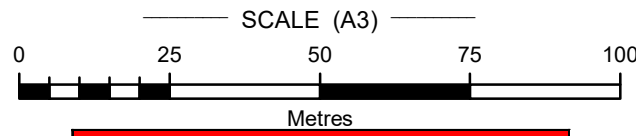
**KALAMUNDA CBD**

**NORTHERN** – Left (northeast) on Masonmill Road, Left (north) on Canning Road, Continue (north) on Canning Road Kalamunda townsite (Haynes Road).

**RAY OWEN SPORTS CENTRE**

**WESTERN** – Left (northeast) on Masonmill Road, Left (north) on Canning Road, Left (west) on Welshpool Road East, Right (north) on Gladys Road to Ray Owens Sports Centre (on right).

CONTACT	PHONE
Emergency	000
DFES (Emergency Info)	13 DFES (13 3337)
DFES (Recorded Info)	1300 657 209



**Nearest Evacuation Centre**  
Listen to DFES Emergency Broadcast on ABC Radio

**Bushfire Warning System**

- ADVICE**  
A fire has started but there is no immediate threat to lives or homes. Be aware and keep up to date.
- WATCH AND ACT**  
There is a possible threat to lives or homes. You need to leave or get ready to defend – do not wait and see.
- EMERGENCY WARNING**  
You are in danger and need to take immediate action to survive. There is a threat to lives and homes.
- ALL CLEAR**  
Take care to avoid any dangers and keep up to date.



Appendix 7  
Area Response Map

Lot 1107 Masonmill Road  
[House No. 40]  
CARMEL

**LEGEND**

- Subject Area : Lot 1107
- Evacuation Route
- Evacuation Readiness Zone
- Bushfire Awareness Zone

**EVACUATION ROUTES**

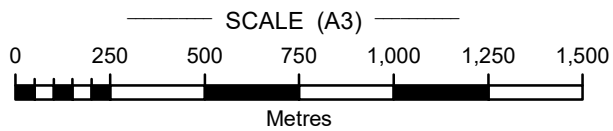
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**Nearest Evacuation Centre**  
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**Bushfire Warning System**

- ADVICE**  
A fire has started but there is no immediate threat to lives or homes. Be aware and keep up to date.
- WATCH AND ACT**  
There is a possible threat to lives or homes. You need to leave or get ready to defend – do not wait and see.
- EMERGENCY WARNING**  
You are in danger and need to take immediate action to survive. There is a threat to lives and homes.
- ALL CLEAR**  
Take care to avoid any dangers and keep up to date.

