

# Wellington Municipal Fire Management Plan 2013 – 2016



Version 2.2 May 2015



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## ***Chair's Foreword***

I am pleased to present this second version of the Wellington Municipal Fire Management Plan (MFMP). On behalf of the Wellington Municipal Fire Management Planning Committee (MFMPC), the production of this plan has been consistent with principles outlined in the Integrated Fire Management Planning Framework (2007), the State Fire Management Strategy (2009) and the Integrated Fire Management Planning Guide (2010).

This plan is the result of extensive collaboration between government agencies and land managers across the municipality<sup>1</sup>. The key has been the commitment demonstrated by representatives on the Wellington MFMP to improve planning and, hence, community outcomes from the occurrence of fire in and bordering the Wellington Shire both planned and unplanned.

This plan includes the risk of fire associated with bushfire, structures and combustible chemicals and is a living document that will now be presented to the community, businesses and organisations throughout the municipality for consultation and input.

I would like to personally thank all those who have contributed to the production of this plan and those who have been willing to commit their time and considerable expertise, both as members of the Wellington MFMP and as experts in their field.



**Graeme Taylor**  
Chair  
Wellington Municipal Fire  
Management Planning Committee

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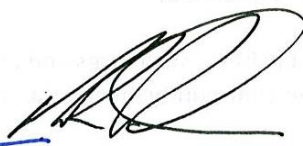

<sup>1</sup> In all cases the word “municipal” refers to the geographical footprint

## Authorisation and Endorsement

The Wellington Shire Council is the custodian of this Wellington Municipal Fire Management Plan (MFMP), as a sub plan of the Municipal Emergency Management Plan.

This Wellington MFMP has been produced by the Wellington Municipal Fire Management Planning Committee pursuant to Section 20 of the *Emergency Management Act 1986*; and will be deemed to fulfil Section 55A of the *CFA Act 1958*.

The signatories below, on behalf of their respective agencies commit to the implementation of this plan as it applies to each agency.



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## Index to Amendments

Version Number	Author	Date of Amendment	Brief Description
Version 1.0	MFMP	31/12/2012	Document creation for public engagement
Version 2.0	MFMP	6/3/2013	Community input included into Plan. ABS data updated.
Version 2.1	MFMP	19/11/2014	Amend DSE and DPI to DEPI and SP AusNet to AusNet Services throughout document  Page 20-21 update History of Major Bushfires and Structure Fires  Update Attachments: A-1  Update Attachment: B  Updated Attachment H  Update weblinks throughout document
Version 2.2	MFMP	13/05/2015	Amend DEPI to DELWP throughout the document  Update Attachment G  Update Attachment H  Update Attachment C-3

The Wellington MFMP has made every effort to ensure the accuracy of the information contained within this plan. Any inaccuracies or omissions should be notified to:

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## Part 1 – Introduction

### ***Introduction to Fire Management***

The underlying basis of fire management is; protection and preservation of life, property and the environment. Within this context there are three fire risks for communities in the Wellington Shire, Bushfire<sup>2</sup>, Structure Fire and Chemical Fire.

The purpose of the Wellington Municipal Fire Management Plan (MFMP) is to chart the planned and coordinated implementation of measures designed to minimise the occurrence, and mitigate the effect of fire in Wellington, and the planned use of fire in the landscape for a variety of purposes. One important aspect of implementing the Wellington MFMP is to engage communities so that they have a valid influence in the fire management planning process. It ensures that the Wellington MFMP responds to community needs, values and risks.

#### **Bushfire**

In Victoria we live in a fire prone environment Fire management needs to be conducted with an understanding of both the role fire plays, with the threats it can pose to life and property, in biodiversity maintenance and the management of our parks and forests.

Bushfires are a vital part of our natural environment, driving regeneration and maintaining the health of species and ecosystems. The combination of drought, climate change and unnaturally high fuel loads have created an unprecedented bushfire risk. The last decade has seen a dramatic increase in the number, size and severity of bushfires in Victoria, evidenced by the 2003 Alpine, 2006 Grampians, 2006/07 Great Divide fires, 2009 Delburn Complex and Black Saturday fires, and in 2013 several major fires including the Aberfeldy-Donnellys and Grampians fires.

#### **Structure Fire**

Structure fire is a hazard directly relating to surroundings that are manmade and provide the setting for human activity. Structure fire can lead to impacts across a number of environments including:

- Residential;
- Industry;
- Commercial;
- Infrastructure;
- Public Assembly;
- Public Accommodation;
- Healthcare and Special Accommodation;
- Agriculture; and
- Marine.

Structure fires occur regularly through the year with fires at residential properties far more predominate.

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<sup>2</sup> Bushfire is a generic term for all types of vegetation fires



### **Fires Involving Chemicals**

A chemical fire involves the actual ignition of a hazardous material in sufficient quantity to pose a danger/threat to life, economy, environment and services to the community. A chemical fire may occur during manufacture, use, handling, transport or storage.

### **Plan Aim**

To reduce the overall impact of bushfire, structure and chemical fires to the residents, businesses and the environment within the Wellington municipal footprint.

### **Plan Objectives**

- Utilise local knowledge, experience and expertise to build and maintain the Wellington MFMP;
- Meet Legislative requirements regarding Fire Management (as per relevant acts);
- Identify local bushfire, structure and chemical fire risks;
- Identify treatments to assist in the reduction of bushfire, structure fire and fires involving chemical and their impacts on the community;
- Monitor the implementation of treatments nominated by the Wellington MFMP reporting progress to the Gippsland RSFMPC and Wellington MEMPC;
- Reduce the community's vulnerability to fires by improving its preparedness; and
- Provide a platform to allow Wellington's communities, businesses and individuals to efficiently recover from the impacts of bushfire, structural and chemical fire.

### **Authority for Plan**

The Wellington MFMP has been produced pursuant to Section 20<sup>3</sup> of the *Emergency Management Act 1986*; and will be deemed to fulfil Section 55A<sup>4</sup> of the *CFA Act 1958*.

### **Planning Process**

Initial development of this plan has been undertaken by the Wellington MFMP and includes all fire risks, bushfire, structural fire and fires involving chemicals.

Following a period of community engagement relevant community in-put will be included in the plan which will then be submitted for formal endorsement by Council as a sub-plan to the Wellington Municipal Emergency Management Plan (MEMPlan).

The Wellington MFMP is not designed to be a duplication of existing plans rather it is to consolidate and coordinate the significant range of plans that exist within Wellington that relate to fire.

### **Period of Plan**

This plan has been endorsed by the Wellington MFMP for a period of three years commencing as of the date of adoption by Wellington Shire Council.

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<sup>3</sup> [Emergency Management Act 1986 - SECT 20 Municipal emergency management plan](#)

<sup>4</sup> [Country Fire Authority Act 1958 - SECT 55A Municipal fire prevention plans](#)

## ***Stakeholder Analysis and Community Engagement***

Fire safety is a shared responsibility between individuals, the community, government agencies, and the private sector and non-government organisations and requires a partnership approach. All stakeholders are given the opportunity to contribute to fire management planning and thus undertake appropriate action to address the risk of fire.

Part 2 outlines the process undertaken in relation to stakeholder analysis and community engagement.



Aberfeldy fire Friday 18 January 2013 with the Thomson River in distance and fire in the Seaton Dawson area.  
Photo: G Pike, DELWP

## Part 2 – Engagement and Communications

Community and stakeholder engagement is the key to the successful development and implementation of the Wellington MFMP.

The members of the Wellington MFMPC recognised people living in the Wellington Shire had considerable local knowledge about the area's fire history and they could add valuable information for use in the development of a robust Wellington MFMP.

A Community and Stakeholder Engagement Plan (the Plan) was developed in 2012 to ensure the Wellington community and stakeholders:

- Were aware of the Wellington MFMP Version 1.0 and how the Wellington MFMP impacts them broadly and on a township basis;
- Had access to appropriate information so they could provide informed feedback; and
- Had a range of opportunities to share their local knowledge during the initial consultation period 13 November to 13 December 2012.

The Engagement and Communications Plan used during the community and stakeholders period is at **Attachment D**.

The collated community and stakeholder feedback was reviewed by the Wellington MFMPC and where appropriate additional information was added in to this current version of the Wellington MFMP.

The Wellington MFMPC sees community and stakeholder engagement as an ongoing process and encourages future submissions to the Wellington Coordinator Emergency Management; refer to Page 4 for the appropriate contact.



Planned burning community consultation at Loch Sport 2010

## Part 3 – Summary of Environmental Scan

An extensive environmental scan is contained in the Wellington MEMPlan – Link: [Wellington Shire Council Emergency Management](#) . Information has also been gathered from the Gippsland Regional Plan 2010 Link: [Gippsland Regional Plan](#) - The Gippsland Regional Plan website was launched in August 2012).

All data in Part 3 has been taken from the Australian Bureau of Statistics (ABS) Census 2011<sup>5</sup> unless otherwise stated. The ABS Expanded Community Profile (i.e. place of usual residence) was used.

### Location and Land Managers

**Location:** 200 km east of Melbourne, **Area**<sup>6</sup>: 10,044 km<sup>2</sup>, **Pop. Density:** 4.1 persons per km<sup>2</sup>.

Wellington Shire is the third largest municipality in Victoria. The municipality takes in the coastal and plains area east of Wilson's Promontory and extends inland to include the rugged country of the Great Dividing Range. It is bounded by six other municipalities' as can be seen in the map below.

The Shire has a significant amount of public land to the north and central areas of the Municipality. This along with significant tracts of private bush generates a fire risk to a number of communities. Land managers are identified in the Table below:

**Table: Land Managers**

Land Managers	% of MFMP Area	Area (ha)
National Parks Act & Nature Conservation Reserves	24.3 %	266,952
Other Conservation Reserves	2.6 %	28,513
State Forest	26.9 %	295,676
Commonwealth Land	0.7 %	7,631
Other Public Land	6.0 %	66,732
Freehold	39.5 %	434,506
Total ALL Land	100 %	1,100,009 <sup>7</sup>

Source: DSE PLM25 GIS dataset 2011

**Table: Land under Plantation**

Land under Plantation (all Land Managers)	% of MFMP Area	Area (ha)
Hardwood	0.8 %	8,330
Softwood	3.6 %	39,149
Other	0.1 %	563
Total land under plantation	4.5 %	48,042

Source: Department of Agriculture, Fisheries and Forestry 2013

<sup>5</sup> [2011 Census Community Profiles: Wellington](#)

<sup>6</sup> ABS calculated land area

<sup>7</sup> DEPI calculated land area

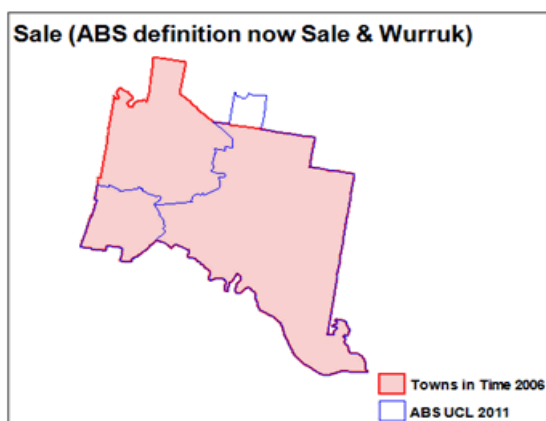
## Population, Demographic and Settlement Information

The population of the Wellington Shire is approximately 41,335 people and has a rapidly ageing population. The major population centres are Sale, Maffra, Stratford, Yarram and Heyfield. Wellington Shire's population is predicted to grow to 49,276 by 2031. There is more population growth in areas close to major towns than in other areas. Populations in the south west of the Shire have reduced. The proportion of older people is higher along the coast and in the south west than in Sale.

Some 84 % of the population were born in Australia. Around 8 % of the population have a first language other than English.

Wellington	Towns > 500	Towns >5K	Towns > 1K to 5K	Towns > 500 to 1K	Rest	Overall
Urban Centre or Locality <sup>8</sup>	Sale	13,187	18,300	11,811	690	10,534
	Maffra	5,113				
	Heyfield	1,938				
	Stratford	2,616				
	Yarram	2,169				
	Rosedale	1,601				
	Longford	1,333				
	Wurruk	1,078				
	Briagolong	1,076				
	Loch Sport	690				
			44.2%	28.6%	1.7%	25.5%
						100%

Prior to the 2011 Census the ABS made a complete overhaul of their geographic classifications for the 2011 Census and beyond. Hence the new 2011 town boundaries *Urban Centre or Locality (UCLs)*, do not match the old 2006 boundaries. In some cases town boundaries have been increased or decreased and in some cases new towns declared e.g. see Sale and Wurruk map below. Unfortunately trying to measure change, in particular urbanisation is not possible at the present with ABS still to develop a satisfactory method for comparing over time.



### Projected Population Growth to 2031 – Wellington Shire

	2011 Census	Projected <sup>9</sup>			
Year	2011	2016	2021	2026	2031
Wellington	41,335	44,742	46,013	47,475	49,276

*Projected population figures have not been updated for the 2011 Census*

<sup>8</sup> ABS provisional figures

<sup>9</sup> Victoria in Future 2012 Department of Planning and Community Development





## Socio-economic Indexes for (Gippsland) Areas

Socio-economic Indexes for Areas (SEIFA)								
Local Government Area (LGA) SEIFA Summary, 2011								
2011 Local Government Area Code(LGA)	Index of Relative Socio-economic Advantage and Disadvantage		Index of Relative Socio-economic Disadvantage		Index of Economic Resources		Index of Education and Occupation	
	Score	Decile	Score	Decile	Score	Decile	Score	Decile
Bass Coast	960	5	978	6	979	5	956	5
Baw Baw	983	7	998	7	1008	8	971	7
East Gippsland	942	4	958	4	964	4	950	5
Latrobe	929	3	940	3	944	2	914	2
South Gippsland	981	7	1000	7	1011	8	971	7
Wellington	961	5	974	5	984	6	954	5

ABS data 28 March 2013

**Scores:** a lower score indicates that an area is relatively disadvantaged compared to an area with a higher score. Index scores have been standardised to have a mean of 1000 using population weighted averages.

**Deciles:** all areas are ordered from lowest to highest score, the lowest 10% of areas are given a decile number of 1 and so on, up to the highest 10% of areas which are given a decile number of 10. Note that deciles have equal number of areas, not people.

### Volunteerism

Some 7,900 or 23.6% of people (15 year+) do some form of voluntary work through and organisation or group. The majority of volunteers' were in the 35 to 64 age bracket.

### Economy

Industries in Wellington Shire generate \$893 million per year (excluding mining). This has increased by 26 % over the last ten years. The top 6 contributors to Wellington's wealth are:

- Mining (Oil & Gas extraction);
- Agriculture, Fisheries & Forestry;
- Manufacturing;
- Government and Defence;
- Construction; and
- Retail Trade.

There are about 14,600 jobs in Wellington Shire. Larger employers are:

- Agriculture, Fishing and Forestry industry (15.2%);
- Retail Trade (12.5%);
- Health and Community Services (11.2%);
- Public Administration and Safety (9.2%); and
- Education and Training (8.6%).

### Economic Infrastructure

**Water Storage Facilities** – Thomson Dam (The Thomson dam is located outside the municipality but water from the dam flows directly through Wellington); Glenmaggie Weir and Cowwarr Weir.





**Gas and Oil Transmission** – The Bass Strait oil and gas fields are situated roughly 20km from Sale. The oil and natural gas fields are owned by Esso Australia and BHP Billiton in a joint venture with 18 offshore platforms and three subsea developments in the Bass Strait, all connected by an underwater pipeline which maintains the constant flow of oil and gas. The pipeline is linked to the Longford plant which encompasses three gas plants and one crude oil plant. The Longford plants produce products such as liquid petroleum gas (LPG), natural gas, and stabilised crude oil. Reserves of crude oil and natural gas are expected to last until at least 2030.

**Road Transport** – There are few west-east road links through Wellington Shire with the Princes Highway the main roadway through the Shire. The South Gippsland Highway provides a main roadway from the Sale Township to the south. The Princes Highway is the major road transport route for the Gippsland Region and one of the major routes to NSW.

**Airports** – Airports are located at West Sale (Fulham) for passenger and freight with a military air base located at the East Sale RAAF Base. There is also a smaller Airfield near Yarram.

**Rail Transport** – The area is serviced by rail west to east through the municipality with passenger services from Melbourne in the West to Bairnsdale in the East however, many services terminate at Traralgon.

**Defence** - The East Sale RAAF Base is a restricted military area and is the main post-graduate flight training base of the Royal Australian Air Force. The site includes a bombing range.

### ***Natural Resources***

Comprising of mountains, one of the longest beaches in the World, the Gippsland lakes system and sprawling countryside; the region is abundant with natural attractions and resources.

**Forestry** – The majority of plantation resources in Wellington are managed as large-scale industrial plantations. Wellington Shire has the highest number of plantations in Gippsland. The large areas of public forest supply significant quantities of native hardwood timber supporting a significant pulp and paper manufacturing sector that is a mainstay of the Gippsland Region's manufacturing sector as well as a range of timber processing operations.

**Gas and Oil** – The Bass Strait oil and gas fields are situated roughly 20km from Sale. The crude oil field is still Australia's largest oil field.



## Built Environment

There are 20,215 private dwellings in Wellington, of which 15,620 were occupied. The dataset below related to “occupied” private dwellings:

Types of Dwellings in Wellington Shire				
Separate House	Semi-detached, townhouse	Flat, Unit, similar	Other	Total
14,299 (91.5%)	610 (3.9%)	565 (3.6%)	146 (0.9%)	15,620

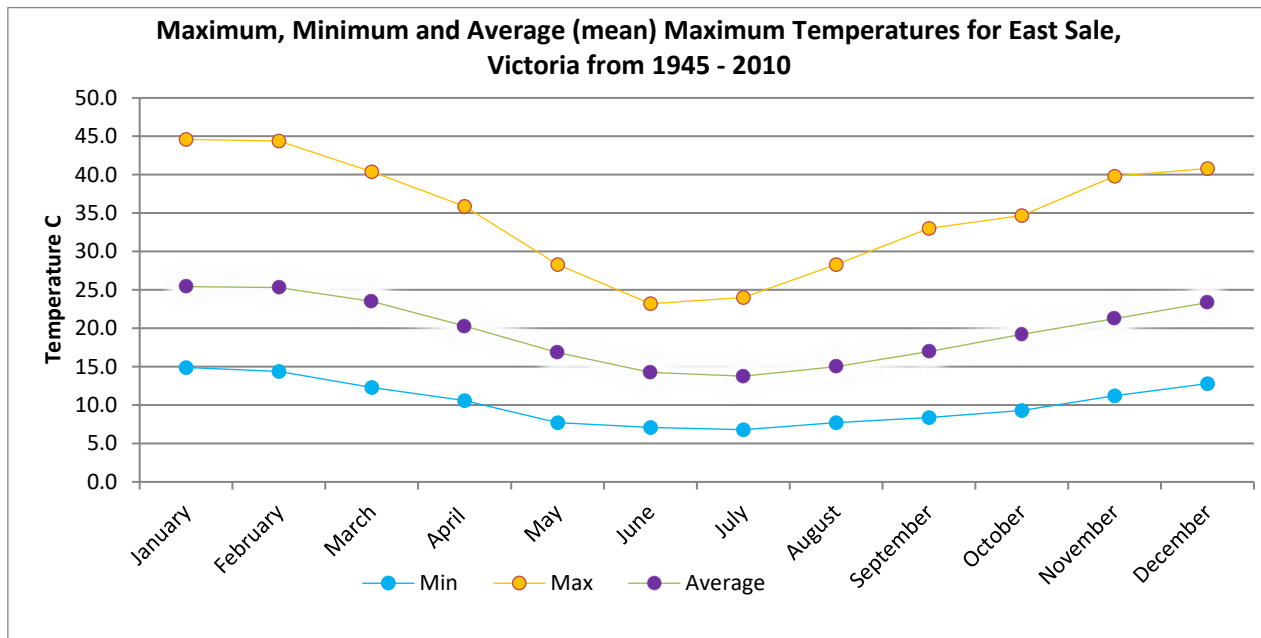
The average household size in 2011 was 2.4 people. 69.5% were family households, 28.0% were single person households and 2.2% were group households. The distributions of household size detailed in the dataset below:

Number of Persons Per Dwellings in Wellington Shire					
One Person	Two Persons	Three Persons	Four Persons	Five Persons	Six + Persons
4,401	5,479	2,068	1,947	983	381

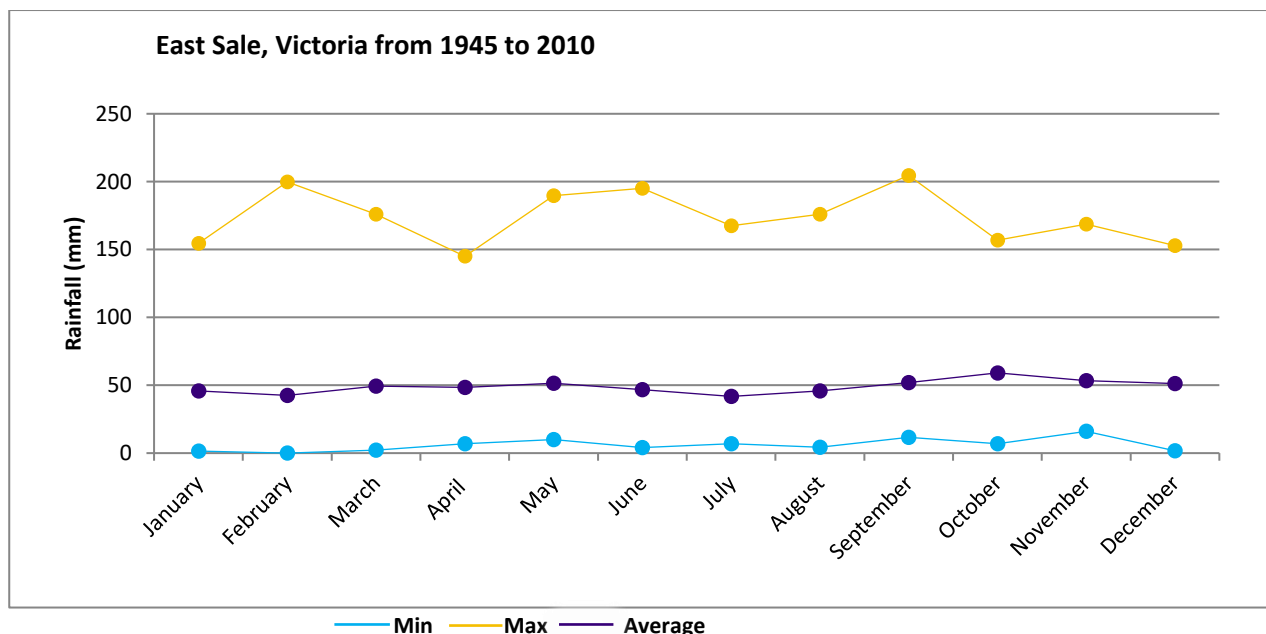


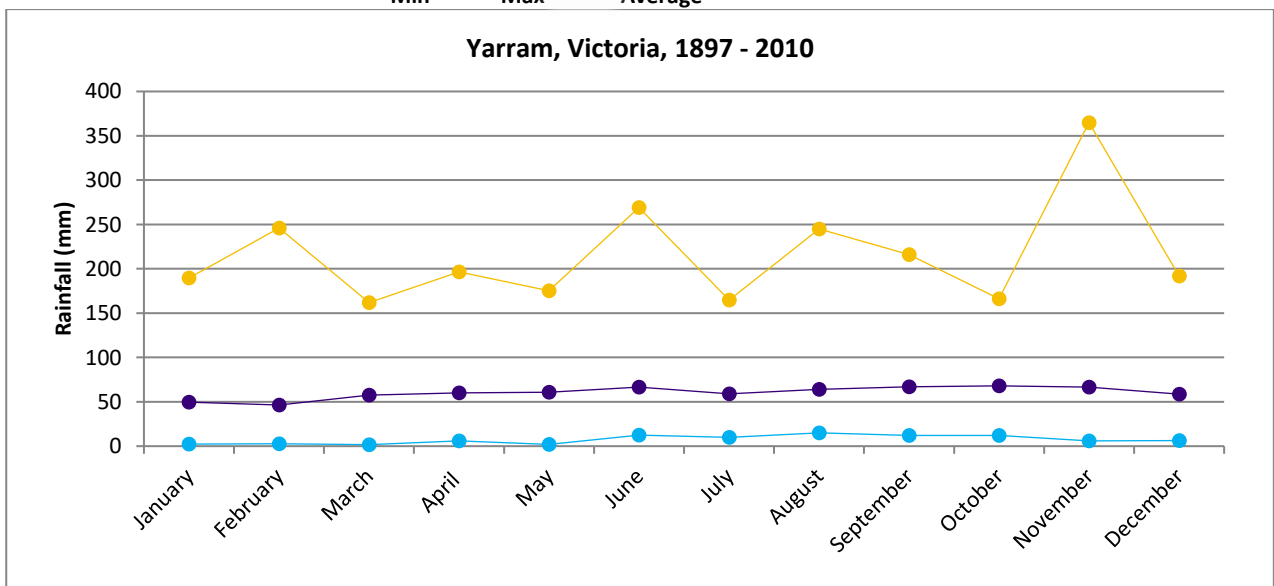
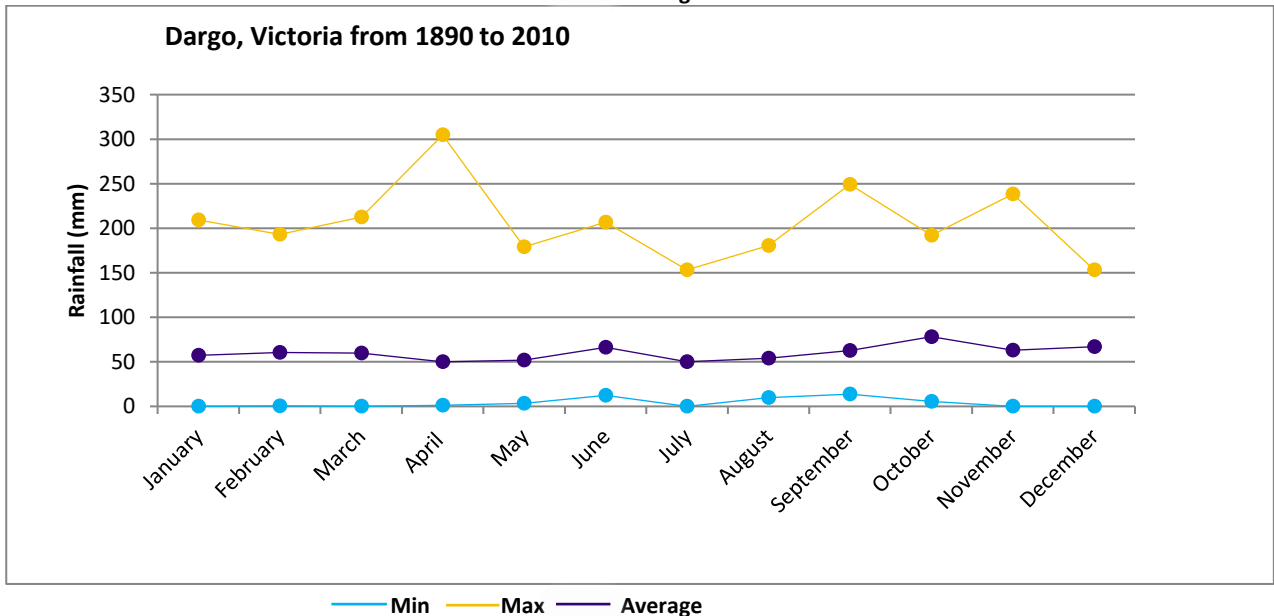
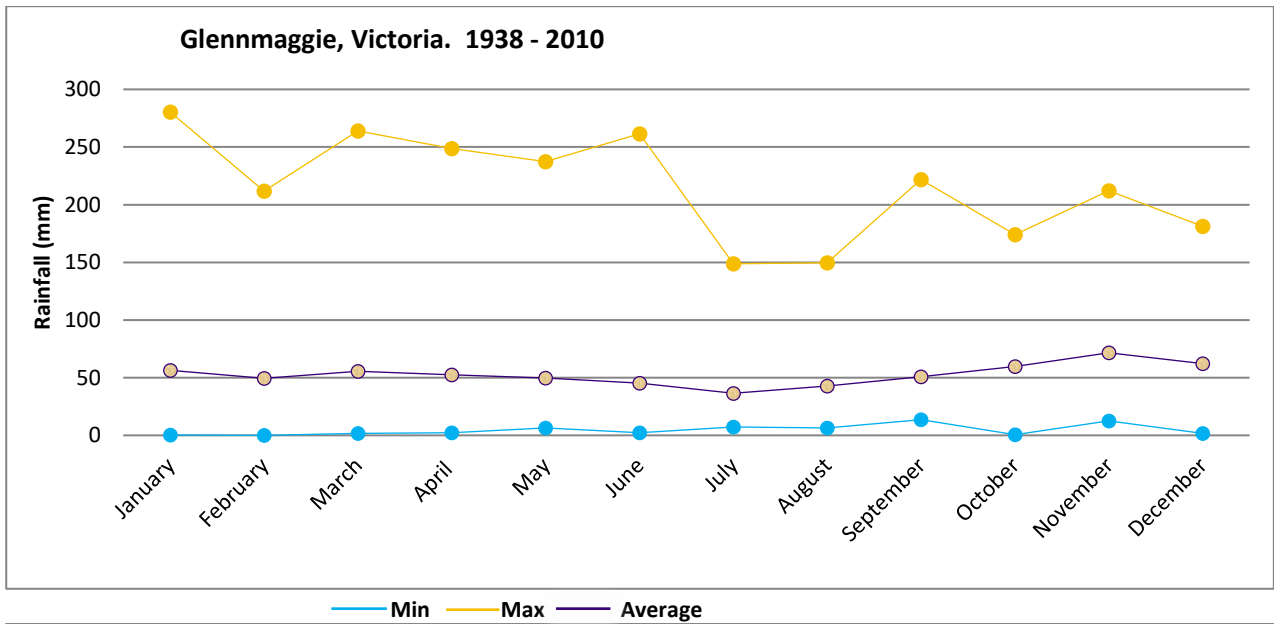
## Climate

The climate of Wellington Shire is temperate and seasonal. Temperatures vary generally across the shire from minus 5 degrees Celsius in the high country and neighbouring snowfields during winter to an average high in the low to mid 30's during summer on the low lands and beaches. Maximum, minimum and average (mean) maximum temperatures taken at East Sale are shown in the graph below:



The four graphs below show them maximum, minimum and average (mean) rainfall totals at various locations:





## ***The potential impacts of Climate Change***

The Wellington Shire sits across two of the Victorian Government's climate change regions; the East Gippsland Profile<sup>10</sup> and the West Gippsland Profile<sup>11</sup>.

Changes in climate will have a range of impacts – for example on water resources, bushfire frequency and intensity, primary production and infrastructure. It will also affect the richness of our biodiversity and the health of our landscapes. As well as the direct environmental impacts of climate change it will interact with other drivers of change such as population growth and advancements in technology.

**Water** - Decreases in rainfall and higher evaporation rates will mean less soil moisture and less water for rivers. Our demand for water may also increase as a result of warmer temperatures and as our population grows. Therefore, our need to use water more efficiently will be even greater. Greater bushfire activity could temporarily contaminate water catchments with sediments and ash.

**Farms and primary production** - Climate change will have both positive and negative impacts on the types of crops we grow and the productivity of our primary production systems. Any reduction in rainfall will place most farms under stress, particularly when linked to higher temperatures. Some impact studies have already been carried out, and have identified:

- Increased heat stress on dairy cattle, reducing milk production ;
- Inadequate winter chilling for some fruit trees, which may reduce fruit yield and quality, however, higher temperatures are likely to reduce the risk of damaging winter frosts for other crops; and
- In viticulture, higher temperatures are likely to reduce grape quality.

Other climate change impacts such as heavy rains and winds from storm events will also contribute to crop damage and soil erosion.

**Communities** - More extreme events such as flash flooding and bushfires will also impact on the built environment and will need to be considered to minimise risk to property. The availability and cost of insurance may also change as a result of extreme events. Essential infrastructure such as water, power, transport and telecommunications have also been identified as being at high risk at higher levels of projected warming by 2030 without action being taken to prepare for these changes.

**Coast** – Global sea levels are projected to rise between 0.18 to 0.59 m by 2095, with a possible additional contribution from ice sheet melts of 0.1 to 0.2 m. Since 1990, sea levels have risen faster than expected and closely follow the upper limits of projections. During this century, the Victorian coastline can expect greater inundation and erosion from sea level rise and increased frequency and intensity of storm events. In 2008 the Council commissioned the “Coastal Report- Climate Change & Sea Level Rise Implications” and has since developed a “Climate Change Response Plan”. Following the recommendations of the *Victorian Coastal Strategy*, Wellington along with South Gippsland, and East Gippsland Shires has recently implemented *Coastal Towns Design Frameworks* for a range of their coastal settlements, in partnership with the Department of Environment, Land, Water and Planning. Inundation modelling needs to be incorporated in these coastal strategies.

**Alpine** – Climate change is expected to result in shorter, drier winters which have significant impacts on Victoria's unique alpine region and the plant and animal species that live there, many of which are already

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<sup>10</sup> [http://www.climatechange.vic.gov.au/\\_data/assets/pdf\\_file/0017/73205/EastGippsland\\_WEB.pdf](http://www.climatechange.vic.gov.au/_data/assets/pdf_file/0017/73205/EastGippsland_WEB.pdf)

<sup>11</sup> [http://www.climatechange.vic.gov.au/\\_data/assets/pdf\\_file/0018/73206/WestGippsland\\_WEB.pdf](http://www.climatechange.vic.gov.au/_data/assets/pdf_file/0018/73206/WestGippsland_WEB.pdf)

endangered. Reductions in snow cover, increased risk of bushfires and invasion of weeds and other pests will also have significant impacts.

## Fire History Summary

### Bushfire<sup>12</sup>

Nearly 60.5 % of the Wellington footprint is Public Land made up of National Parks, State Forests and Conservation Reserves, while some 39.5 % is “freehold” land e.g. farming, business, residential.

The threat of bushfire exists annually throughout Wellington Shire. Based on an historical analysis major bushfires have occurred over the past 11 years occur at least every 3-4 yrs. CFA, DELWP and PV also respond to numerous smaller fires on an annual basis.

The majority of bushfires in Wellington, around 62%, occur in scrub or bush and grasslands mixture. Some 20% occur in grasslands and 18% in forest or woodlands areas. Of all bushfires 56.7 % were contained to one hectare or less in size. Ignition causes for bushfires are detailed in the table below.

Ignition Cause	No. of Fires	Ignition Causes by Percentage
Deliberate Lighting, suspicious, malicious	265	19.4
Ignition factor not determined	220	16.1
Lightning	219	16.0
Re-kindled from a previous fire, all land tenures	132	9.7
Fuel reduction burning Private	109	8.0
Inadequate control of open fire	102	7.5
Unattended fire	54	4.0
Vehicle use farming	41	3.0
Campfire, BBQ	39	2.9
Burning waste heaps, rubbish, garden litter	22	1.6
Abandoned, discarded material	14	1.0
Mechanical failure e.g. slashing, chainsaw, pump	13	1.0
Service Call	12	0.9
Children, child playing 0-16 years old	11	0.8
Logging, forest operations	11	0.8
Vehicle	10	0.7
Fallen power line, including private lines	9	0.7
Cutting, welding	9	0.7
Fuel reduction burning DELWP	9	0.7
Spontaneous combustion	8	0.6
Burning off stubble, grass, scrub	8	0.6
Electrical short-circuit, ground fault	7	0.5
Fireworks/Flares	6	0.4
Exhaust, Lawn mower, chain saw, other	5	0.4
Burning Vehicle, machine	5	0.4
Burning off Windrow, heap	5	0.4
Animal	4	0.3
Electricity pole fire	3	0.2
Burning off, no Permit	2	0.1
Power line clash/sparking	2	0.1
Vehicle	2	0.1
Other electrical failure	2	0.1
Short-circuit, ground fault	2	0.1

<sup>12</sup> CFA Fire Incident Reporting system (2000 to 2010) & DEPI Fireweb incident reporting system (July 2002 to December 2011)

Ignition Cause	No. of Fires	Ignition Causes by Percentage
Flammable liquid used to kindle fire, Mechanical failure, Misuse of heat of ignition, Part failure, Vehicle use off road	1 each	0.1
Grand Total	<b>1367</b>	100%

Major Bushfires (500 hectares and over) since 1955 are shown in the table below:

Year	Start Date	Duration (days)	Incident Name	Areas Affected	Cause	Size (ha)
2014	9/2/14	7	Jack River	Jack River, Madalya, Staceys Bridge	Unknown	2,870
2013	22/2/13	7	East Caledonia-Howitt Track	Remote country away from communities	Lightning	600
2013	15/2/13	10	Dargo – Matherson Tk	Dargo, Dargo Upper	Lightning	1,111
2013	17/1/13	42	Aberfeldy-Donnelly's	Aberfeldy, Dawson, Seaton, Coongulla, Glenmaggie, Licola, Heyfield, Upper Maffra West and various smaller settlements.	Illegal burn off	85,193
2012	27/9/12	3	Loch Sport - Spoon Bay Track	Loch Sport	Suspicious	700
2009	23/2/09	Part of Black Saturday Fires	Won Wron-Napier Road	Won Wron		1,365
2007	11/01/07	6	Seaton	Seaton		650
2006	1/12/06	69	Great Divide South	Alpine National Park South	Lightning	677,638
2004	6/01/04	12	Bombing Range	RAAF Bombing Range	Burn Off	500
2003	5/09/03	5	Golden Beach	Golden Beach	Burn Off	2,000
2003	5/02/03	28	Emu Track	Stradbroke	Lightning	500
2003	8/01/03	4	Mullundung	State Forest, grazing land & private plantation		7,500
2000	3/01/00	18	Snake Island	6km SE Port Welshpool	Relight of Wildfire	830
1997	31/12/97	12	Caledonia	11km N Licola, Alpine National Park	Campfire	32,000
1997	20/02/97	1	St Margaret Island	700m E of Manns Beach	Lightning	1,400
1997	13/01/97	4	Golden Beach	Dutson Downs waste water farm		500
1992	11/03/92	2	Won Wron	8km NE of Yarram	Prescribed burn escape	1,000
1985	14/01/85	1	Heyfield	Heyfield		2,200
1983	10/03/83	2	Loch Sport	Loch Sport		2,000
1982	4/11/82	1	Seaton	Seaton		13,500
1972	5/09/72	1	Perry Bridge	Perry Bridge		1,133
1965	3/3/65	17	Blanket Hill	Glenmaggie, Coongulla, Maffra, Upper Maffra, Newry, Boisdale, Valencia Creek, Briagolong, Dargo, Stratford, Licola & Stockdale.	Deliberately Lit	303,515 (the two



Year	Start Date	Duration (days)	Incident Name	Areas Affected	Cause	Size (ha)
1965	24/2/65		New Place Creek	State Forest north of Valencia Creek	Lightning	fires merged)
1957	17/04/57	1	Yarram	Yarram	Burn Off	4,856
1955	22/11/55	1	Briagolong	Briagolong	Arson	1,012

### Structure Fire<sup>13</sup>

Structural fires, including house fires occur across all areas of the municipality.

During the financial year period of 2000/2001 to 2010/2011 the average numbers of structure fires were 37.3 per financial year, or 10.3 structure fires per 1,000 head of population<sup>14</sup>. During this period residential house and residential garage fires made up 65.1 % of all structure fires. For all other types of structure fires (e.g. Livestock production buildings, general storage, tool sheds) each recorded 25 or less incidents over the 11 year period. Major structure fires since 1990 are shown in the table below:

Year	Start Date	Incident Name	Structure Type	Town	Cause
2002	1/03/2002	Criterion Hotel	Commercial	Salé	Arson
1998	25/9/1998	ESSO Longford Gas Explosion	Industrial	Longford	Mechanical failure



Criterion Hotel Est. 1865, closed for extensive renovations in 2006, reopened early 2013

### Fires Involving Chemicals<sup>15</sup>

During the financial year period of 2000/2001 and 2010/2011 no fires involving chemicals<sup>16</sup> have been recorded in the Wellington municipal footprint. However, there have been a number of fires resulting from vehicle accidents which involve the transport of volatile materials. There have also been occurrences of fires which involve chemicals. These fires are more complicated to manage and control due to the possibility of toxic fumes, damaging environmental runoff, and the possibility of increased or erratic fire behaviour.

<sup>13</sup> CFA Fire Incident Reporting system (FIRs)

<sup>14</sup> Based on 2006 ABS Census

<sup>15</sup> CFA Fire Incident Reporting system (FIRs)

<sup>16</sup> As opposed to "chemical spills"



September 1998 saw one of the State’s worst chemical caused fires occur in Wellington Shire at the ESSO Longford Gas Plant. A hydrocarbon vapour cloud ignited resulting in a catastrophic event which resulted in the death of two employees, serious injury to another, and had significant impact on the Victorian economy for some time.



## Planning Priorities (Values)

The priorities or “values” for Wellington are:

- Protection and preservation of life is paramount;
- Protection of critical infrastructure and community assets that support community resilience;
- Protection of residential property as a place of primary residence;
- Protection of assets supporting individual livelihoods and economic production that supports individual and community financial sustainability; and
- Protection of environmental and conservation values that consider the cultural, biodiversity, and social values of the environment.

These priorities are consistent with Gippsland regional and State<sup>17</sup> fire management policies<sup>18</sup> and plans<sup>19</sup>.

## Future Fire Management

An analysis of the environmental scan identified the following future implications for fire management:

Summary from Environmental Scan	Implications for fire management
<p>Approximately 74.5% of the Shire’s population lives in towns and some 25.5% of the population are located in villages and settlements of less than 500 people. This trend is likely to continue.</p> <p>Shire has an ageing population. The mean age of the Wellington population, currently 41 years and is expected to increase in line with the general trend across Gippsland.</p> <p>The majority of volunteers’ were in the 35 to 64 age bracket. CFA volunteers aging in line with general population</p>	<p>Ongoing development of the urban rural fringe. These interface areas are more vulnerable with increased risk of bushfire.</p> <p>Decreasing mobility and ability to prepare and defend properties against bushfire; this may result in a greater increase in residential house loss due to residents taking the option of leaving early rather than defending their property against bushfire.</p> <p>Decreasing mobility also raises vulnerability of those residents in structure fires.</p> <p>Aging volunteer fire service personnel reducing future frontline fire fighting capacity. CFAs volunteer base is a general reflection of the Wellington community profile. The volunteer pool is also much wider spread across the municipality, resulting in emergency/fire services getting a lower market share of the volunteer pool. There is a perceived requirement to increase the fire services volunteer participation rate to enable them to meet the expectations of the community.</p>
<p>Structure fires predominately occur in “Residential year round use” properties (59%) and “residential garages” (6.1%)</p>	<p>Higher use of solid fuel fires increase risk.</p>

<sup>17</sup> IFMP strategy 2009

<sup>18</sup> [Bushfire Safety Policy Framework | Emergency Management Victoria](#)

<sup>19</sup> [Fire Services Reform Action Plan June 2011](#)

Summary from Environmental Scan	Implications for fire management
<p>Wellington Shire has one of the longest beaches in the World with many small settlements having:</p> <ul style="list-style-type: none"> <li>• An extreme bushfire 'raw' or untreated risk</li> <li>• Significantly higher seasonal population</li> <li>• Holiday homes/lets, camping grounds</li> <li>• Access/egress issues</li> <li>• Vulnerability issues, high percentage of older people</li> </ul> <p>These issues similarly apply to areas around the Gippsland Lakes and other inland lakes.</p>	<p>Evacuation/shelter in place issues during a major bushfire; major roads protected to aid with evacuation and emergency services access.</p> <p>Resourcing and delivery of "Relief" for isolated communities</p> <p>Community Information Guides (CIG) and Neighbourhood Safer Places (NSP) will all require a greater commitment to community engagement.</p> <p>Management of conflicting priorities for emergency service access in the case of a major fire and the need to move people is a challenge and needs to be considered in emergency planning</p> <p>Low understanding of the risk posed by bushfire in the environment, the need for a broad range of risk reduction measures and an increased shared responsibility for risk, prevention and preparedness for bushfire.</p> <p>Fire management planning needs to consider biodiversity values and ecosystem services e.g. water, air quality, timber.</p>
<p>Wellington Shire has significant areas of managed plantation; historically these are not considered a major issue.</p> <p>Smaller unmanaged plantations on private property and Trust for Nature land (covenant on property Title) may be an issue.</p>	<p>Audit required to determine possible level and risk of unmanaged plantations.</p> <p>CFA resources (Vegetation Management Officers) need to engage property owners to ensure property management is properly addressing bushfire risk.</p>
<p>Major Hazard Facility ESSO Longford Gas Plant</p> <p>ESSO Pipelines – possible need to protect pipeline valves during a bushfire.</p>	<p>ESSO/DELWP/CFA to engage to produce a procedure for operating on top of the pipeline.</p>

## Part 4 – Municipal Fire Management Objectives

### Fire Management Objectives

These fire management objectives have been derived from the State Fire Management Strategy 2009, Appendix 1.

Municipal Objectives	Gippsland Regional Objectives
<p><b>Key Theme 1</b> <b>Planning together</b></p> <p>The Wellington MFMP will consist of appropriate representatives from relevant fire agencies, local government and other agencies as appropriate. The committee will meet at least bi-monthly whilst establishing the initial MFMP and then at least quarterly.</p> <p>The Wellington MFMP will:</p> <ul style="list-style-type: none"> <li>• Carry out a municipal risk assessment and treatment analysis using agreed consistent processes i.e. Victorian Fire Risk Register-Bushfire (VFRR-B)</li> <li>• Use municipal environmental scan data to inform the planning process.</li> <li>• Carry out a stakeholder analysis and develop a communications plan which takes into account existing channels of communication and the needs of stakeholder groups including communities.</li> </ul>	<p><b>Key Theme 1</b> <b>Planning together</b></p> <p>The Gippsland Regional Strategic Fire Management Planning Committee (RSFMPC) will consist of appropriate representatives from government and other agencies as outlined in the IFMP framework, will meet at least bi-monthly whilst establishing the initial Regional plan and then at least quarterly.</p> <p>To support the development of Municipal Fire Management Plans (MFMP's) for each Gippsland municipality the Gippsland RSFMPC will by June 30<sup>th</sup> 2011:</p> <ul style="list-style-type: none"> <li>• Carry out a risk assessment for the Gippsland region which identifies Regional and above risks and provide a list of risks and recommended treatments to Gippsland Municipal Fire Management Planning Committees (MFMP's) for consideration in the development of their plans.</li> <li>• Ensure each MFMP has access to demographic, climate and population statistics and forecasts for their municipality to assist in the planning process.</li> <li>• Carry out a stakeholder analysis and develop a communications strategy which takes into account existing channels of communication and the needs of stakeholder groups and the broader community.</li> </ul>

Municipal Objectives	Gippsland Regional Objectives
<p><b>Key Theme 2</b> <i>Implementing collaboratively</i></p> <p>Member agencies of the Wellington MFMPC will actively support the municipal planning process through the provision of appropriate staff, expertise and data.</p> <p>Member agencies of the Wellington MFMPC will contribute to the delivery of agreed works and treatments through inclusion in their agency business plans.</p> <p>For bushfire the Wellington MFMPC will work with adjoining municipalities to ensure a seamless approach to fire management across boundaries.</p>	<p><b>Key Theme 2</b> <i>Implementing collaboratively</i></p> <p>Member agencies of the Gippsland RSFMPC will actively support the municipal planning process through the provision of appropriate staff, expertise and data.</p> <p>Member agencies of the Gippsland RSFMPC will contribute to the delivery of agreed works and treatments through inclusion in their agency business plans.</p> <p>For bushfire the RSFMPC will evaluate and monitor planning arrangements across municipal boundaries and will provide expert advice and assistance to ensure a seamless approach to fire planning across the region.</p> <p>The RSFMPC will work with adjoining regions and the NSW fire services to ensure a seamless approach to bushfire management across boundaries.</p>
<p><b>Key Theme 3</b> <i>Building knowledge</i></p> <p>The Wellington MFMPC will review municipal risks and treatments annually and provide any amendments to the Wellington MEMPC and the Gippsland RSFMPC.</p> <p>The Wellington MFMP will be reviewed for currency annually, after a major incident or as directed under legislation.</p>	<p><b>Key Theme 3</b> <i>Building knowledge</i></p> <p>The RSFMPC will review regional risks annually and provide any amendments to relevant MFMPC's for consideration.</p> <p>The Regional Strategic Fire Management Plan (RSFMP) will be reviewed for currency annually, after a major incident or after significant changes to the environment, agency composition or responsibilities, or regional infrastructure.</p>
<p><b>Key Theme 4</b> <i>Building capacity</i></p> <p>The Wellington MFMPC will actively seek opportunities for stakeholder collaboration to improve outcomes for communities and to reduce duplication and agency workloads.</p>	<p><b>Key Theme 4</b> <i>Building capacity</i></p> <p>The RSFMPC will actively seek opportunities for agency collaboration to improve outcomes for communities and to reduce duplication and agency workloads.</p>
<p><b>Key Theme 5</b> <i>Using fire</i></p> <p>The Wellington MFMPC will actively encourage the use of planned fire to achieve positive ecological and community safety outcomes.</p> <p>The Wellington MFMPC will work with fire agencies in the development of processes aimed at improving fire management on private land for community safety, as well as ecological purposes.</p>	<p><b>Key Theme 5</b> <i>Using fire</i></p> <p>The RSFMPC will actively encourage the use of planned fire to achieve positive ecological and community safety outcomes.</p> <p>The RSMPC will work with fire agencies in the development of policies and strategies aimed at improving fire management on private land for ecological as well as community safety purposes, and to achieve integration of complementary works on Private and Public land.</p>

## Outcomes

- This Plan is used to inform agency planning across the relevant components of Prevention, Preparedness, Response and Recovery (PPRR);
- This Plan will document and assist in the coordination of fire mitigation works and treatments for reducing the impact of fire, both planned and unplanned on the communities of Wellington Shire;
- That fire management across the municipality is carried out in an orderly and coordinated manner;
- Develop a list and map identifying fuel management break systems and fire access road networks to aid in the mitigation of bushfire;
- Local community fire plans are developed for high-risk bushfire locations with a focus on what actions to take in an emergency;
- Enable agencies to identify the need for, and to target structure fire mitigation works/treatments;
- Identify locations with the potential for chemical involved fire to enable the assessment of risk and treatment effectiveness;
- Identify risks associated with the transport of volatile materials on the municipalities' roads; and
- Integrated community engagement activities for fire management planning.

## Links to Other Plans

Primarily the Links to Other Plans table represents plans relating to Prevention, Preparedness, Response and Recovery in relation to bushfire, see **Attachment F**.

## Web Links to Organisations

Country Fire Authority: [Country Fire Authority](#)

Department of Human Services: [Department of Human Services, Victoria, Australia](#)

Department of Environment and Primary Industries: [DELWP - Website Home Page](#) Emergency Management Victoria: [Emergency management | Victorian Government](#)

HVP Plantations: [Hancock Victorian Plantations](#)

Municipal Association Victoria: [MAV](#)

Parks Victoria: [Parks Victoria](#)

Wellington Shire Council: [Wellington Shire Council](#)

Vic Track: [VicTrack](#)

VicRoads: [VicRoads](#)

## Part 5 – Fire Management Risk Strategies

The underlying guiding principle which drives fire management objectives at all levels is; protection and preservation of life, property and the environment.

There are a range of standard fire management strategies and treatments which are applied across the State, region or municipality, and as such will not be listed against each identified asset in the Register of Assets at Risk or in the Multi Agency Workplan purely as this would make these documents unwieldy. These standard fire management strategies and treatments are listed in the following sections below.

In addition the Register of Assets at Risk has been separated into the three fire risk elements Bushfire, Structure and Chemical:

- **Attachment A-1** Register of Assets at Risk - Bushfire
- **Attachment A-2** Register of Assets at Risk – Structure Fire
- **Attachment A-3** Register of Assets at Risk – Fire Involving Chemicals

### ***Bushfire Risk Treatments***

A range of bushfire mitigation strategies and treatments exist that are applied consistently across the State and municipality, these include:

- Provisions in the Victorian Planning Scheme;
- Bushfire Management Overlays/Bushfire Prone Areas;
- Provisions in the Building Code of Australia (BCA);
- Compliance and enforcement of legislation;
- Declared Fire Danger Period and restrictions;
- Total Fire Ban day declarations;
- Community information and warnings;
- Powerline hazard tree identification, management and reporting;
- Fire hazard inspection program and issue of notices;
- Public awareness programs – multimedia communications;
- Council patrols and inspections;
- Emergency management signage;
- Event Management Plans;
- Routine asset maintenance; and
- Bushfire Attack Level assessments for new buildings proposals.
- Roadside vegetation management by VicRoads, municipal councils and DELWP<sup>20</sup> (a standard suite of treatments, broadly applied which includes: Slashing, burning, spraying and mechanical clearing);

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<sup>20</sup> [DEPI - Planned burns](#)

Where the Wellington MFMPC has identified assets at risk from bushfire which require additional, specific treatments these are listed in Attachment A-1 Register of Assets at Risk - Bushfire. This attachment identifies initial risk ratings using the Victorian Fire Risk Register - Bushfire<sup>21</sup> (VFRR-B) data, with current treatments then taken into account to establish a level of residual risk.

Individuals also need to understand their personal level of bushfire risk and to undertake their own mitigation measures, including to prepare and plan for bushfire and act upon their plans when required.

Recommendations from the Victorian Bushfires Royal Commission into the Black Saturday Fires 2009 have re-focused on a number of existing strategies with enhanced activities such as:

- Identifying Hazard Trees in relation to powerlines, refer **Attachment C-1**
- Community Information Guides<sup>22</sup> (CIG), refer **Attachment C-2**
- Neighbourhood Safer Place - Place of Last Resort (NSP-PLR) during a bushfire, refer **Attachment C-3**
- Fire Refuges – none located in the Wellington Shire Council footprint, refer **Attachment C-4**
- Increased planned burning on public land, refer Multi Agency Worksplan, **Attachment B**.
- Implement a systematic Statewide program of bushfire risk assessment for all roads and provision to ensure conformity with the obligations in Section 43<sup>23</sup> of the *Country Fire Authority Act 1958* and with the objectives expressed in the VicRoads 1985 *Code of Practice*., refer **Attachment G and I**.



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<sup>21</sup>VFRR-B Handout

<sup>22</sup> Formerly known as Township Protection Plans

<sup>23</sup> [Country Fire Authority Act 1958 - SECT 43](#)





## Structure Fire Risk Treatments

Structure fire risk in the Wellington municipality consists of a mix of residential, commercial and industrial premises with the largest concentrations in the large towns of Sale, Maffra, Rosedale, Heyfield, Stratford and Yarram. Smaller towns contain mainly residential and commercial properties.

A considerable number of residential properties exist in remote locations and small hamlets scattered throughout the municipality.

A range of strategies and treatments exist which are applied consistently across the State and municipality to reduce the occurrence and impact of structure fires, these include:

- Provisions in the Victorian Building Act;
- Building Code Australia;
- Provisions the Victorian Planning Scheme;
- Compliance and enforcement of legislation;
- Council Essential Safety Measures Procedures and audit inspections;
- Industry guidelines;
- Standards (i.e. electrical safety);
- Engineered controls;
- Fire service response planning and training
- Staff training
- Event permits and event management plans
- Targeted education programs
- Public awareness programs – multimedia communications

Where the MFMPC has identified assets at risk from structure fire which require additional, specific treatments these are listed in **Attachment A-2** Register of Assets at Risk – Structure Fire.



## Essential Safety Measures Procedures and Building Inspections

Wellington Shire Council is responsible under section 212 of the *Building Act 1993*<sup>24</sup> for the administration and enforcement of Parts 3, 4, 5, 7 and 8 of the Act and the building regulations in its municipal district.

This includes Victoria's essential safety measures legislation<sup>25</sup>. This legislation requires building owners to maintain the essential safety measures to the required levels and complete a report on an annual basis.

Council's role and obligations in ensuring essential safety measures are in place and operable is twofold:

- Council as a compliance authority
  - *The Building Act 1993* and the building regulations require Council to audit relevant buildings and to ensure appropriate essential safety measures are in place and being maintained.
- Council as an asset owner and manager
  - Council has the responsibility as a building and asset manager to ensure buildings they manage have appropriate safety measures in place, these are well managed and systems are in place to record this information.

## Fires Involving Chemicals Risk Treatments

A range of strategies and treatments exist which are applied consistently across the State and municipality for the storage and transport of chemicals which may be involved in a fire, these include:

- Site specific plans;
- Australian Code for the Transport of Dangerous Goods by Road and Rail;
- Emergency Procedure Guides - Transport. (AS 1678 series);
- Material Safety Data Sheets;
- Compliance and enforcement of legislation;
- Industry guidelines;
- Engineered controls;
- Fire service response planning and training;
- Staff training; and
- Inspections.

Where the MFMPC has identified assets at risk from fires involving chemicals which require additional, specific treatments these are listed in **Attachment A-3** Register of Assets at Risk – Fires Involving Chemicals.

## Multi Agency Worksplan

Following the risk identification, analysis and evaluation process that establish the risk management registers – Bushfire, Structure Fire and Fire Involving Chemicals this data was then used to create the Multi Agency Worksplan where the deliverable “treatments” are set out in detail along with the responsible agency or organisation for implementing the works over a three year period. The Multi Agency Worksplan can be found at **Attachment B**.

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<sup>24</sup> [Building Act 1993](#)

<sup>25</sup> [Building Commission - Essential safety measures](#)

## Part 6 – Improvement, Plan Reporting and Review Process

Wellington Shire Council has a legislative responsibility under the *Emergency Management Act (1986)* to develop a Municipal Emergency Management Plan (MEMP), and under the *Country Fire Authority (CFA) Act 1958*, to develop and implement a Wellington Municipal Fire Prevention Plan (MFPP). The Wellington MFMP is also sub plan of the Wellington MEMPlan and is also required to meet the same legislative requirements as the Wellington MFPP. When endorsed and adopted the Wellington MFMP will replace the Wellington MFPP.

### **Audit Plan**

This plan has a three year lifespan and expires in 2016 based around current audit requirements contained within Section 55B of the Country Fire Authority Act 1958.

The Wellington MFMP must incorporate the provisions of S 55A(2) of the Country Fire Authority Act 1958 relating to fire risks and their treatment and will be deemed to meet the requirement for a municipal fire prevention plan under S 55A (1) of the Country Fire Authority Act 1958.

### **Plan Review and Update**

The plan will be reviewed by the Wellington MFMP to ensure it meets community needs and expectations. This review takes into account works completed, environmental changes and any additional risks. Significant changes, including planning mitigation works must be approved by Wellington MFMP members and articulated through the Wellington MEMPC to Council for adoption.

The plan will be reviewed and updated annually by the Municipal Wellington MFMP. This review will take into account works completed, environmental changes and any additional risks. Significant changes must be approved by the committee and articulated through the Wellington MEMPC to Council for adoption.

The plan may also be reviewed;

- Following significant incidents if required,
- As directed by the State or Regional Fire Management Planning Committees, and
- As required by legislation.

The Wellington MFMP will report quarterly to the Wellington MEMPC and the Gippsland RSFMP.

## Part 7 – Attachments

<b>Attachment A-1</b>	<b>Register of Assets at Risk – Bushfire</b>
<b>Attachment A-2</b>	<b>Register of Assets at Risk – Structure Fire</b>
<b>Attachment A-3</b>	<b>Register of Assets at Risk – Fires Involving Chemical</b>
<b>Attachment B</b>	<b>Multi Agency Worksplan</b>
<b>Attachment C-1</b>	<b>Hazardous Trees Identification (<i>Electrical Safety Act 1998</i>)</b>
<b>Attachment C-2</b>	<b>Community Information Guides<sup>26</sup></b>
<b>Attachment C-3</b>	<b>Neighbourhood Safer Places - Place of Last Resort</b>
<b>Attachment C-4</b>	<b>Community Fire Refuges</b>
<b>Attachment D</b>	<b>Engagement and Communications Plan</b>
<b>Attachment E</b>	<b>Maps</b>
<b>Attachment F</b>	<b>Links to other plans</b>
<b>Attachment G</b>	<b>Fire Access Road Network</b>
<b>Attachment H</b>	<b>Static Water Supplies</b>
<b>Attachment I</b>	<b>Fuel Management/Fire Break Systems</b>
<b>Attachment J</b>	<b>Stakeholder Distribution List</b>
<b>Attachment K</b>	<b>Glossary</b>
<b>Attachment L</b>	<b>Acronyms</b>
<b>Attachment M</b>	<b>References</b>

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<sup>26</sup> Previously known as Township Protection Plans

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# Attachment A-1 Register of Assets at Risk – Bushfire

Last Review Date: August 2014

Wellington Shire Municipal Footprint

VFR Asset ID	Asset Type	Description	Risk Category	Likely Scenario is based on the McArthur Forest Fire Danger Indices (FFDI) rating of 100 (refer page 58)	Likely Scenario	Risk Rating	A number of generic treatments exist which are applied across the state or municipality, and as such are not listed against each asset listed below but are listed in Part 5 of the MFMP.	Existing Treatments	Likelihood	Consequence	Residual Risk	Other Treatment Required Y/N	Treatment Recommendations	Treatment Priority	Detail/Comments
78034	Human Settlement - SFP	Airly PS, Airly Estate Rd	Bushfire	Threatening vegetation grasslands Direct fire impact from grasslands unlikely. Ember attack - No	High		212 Routine Asset Site Maint. School Maintenance of Irrigation Allocation (water) required. 407 Emergency Mngt Plan (Site), DEECD		Unlikely	Moderate	Low	N			Irrigation Area Maintenance of Irrigation Allocation (water) required to maintain residual risk of Low.
78003	Human Settlement - Residential	Alberton	Bushfire	Threatening vegetation grasslands Direct fire impact from West to NE arc. Ember attack from forest into grasslands.	Very High		100 Community Ed/Engagement, CFA 101 Community Ed/Engagement, Wellington Shire Council 203 Crown Land Fuel Reduction, DELWP 231 Burn Program, DELWP/PV		Unlikely	Moderate	Low	N			
	Human Settlement - SFP	Alberton PS, Thomson St	Bushfire	Same as township	High		212 Routine Asset Site Maint. School 407 Emergency Mngt Plan (Site), DEECD		Unlikely	Moderate	Low	N			
78106	Human Settlement - SFP	Alpine NP - Wellington River Camping Ground, Tamboritha Rd	Bushfire	Threatening vegetation forest Direct fire impact from all sides Ember attack from every direction	Extreme		307 Patrol/Inspection, PV 442 Parks Mngt Plan, PV 231 Burn Program, DELWP/PV 409 Emergency Mngt Plan, Other		Possible	Major	High	Y	Targeted tourism fire awareness		Various school camps & campsites Fire impacted in 2006, 1998 Issue with egress/access Solid fuel stoves not permitted.
78110	Human Settlement - Other	Balook	Bushfire	Threatening vegetation forest Direct fire impact from all sides Ember attack from all sides	Extreme		106 Community Fire Guard, CFA Community Fire Guard, CFA		Unlikely	Moderate	Moderate to High	Y	Review annually for drought conditions which would increase residual rating to High		2009 spotted "over" but not burnt on wind change Access/egress not good in a fire. Strong community group with good understanding of fire.
78051	Human Settlement - Other	Boisdale	Bushfire	Threatening vegetation grasslands  Direct fire impact = No Ember attack from forest to the NW into grasslands.	Low		100 Community Ed/Engagement, CFA 101 Community Ed/Engagement, Wellington Shire Council Maintenance of Irrigation Allocation (water) required. 207 Fuel Hazard Mngt, Wellington Shire Council 410 Emergency Mngt Plan (Town), Wellington Shire Council		Unlikely	Moderate	Low	N			Maintenance of Irrigation Allocation (water) required to maintain residual risk of Low.
78038	Human Settlement - SFP	Boisdale Consolidated School, Newry Rd	Bushfire	Threatening vegetation grasslands Direct fire impact = No Ember attack from forest to the NW into grasslands.	High		212 Routine Asset Site Maint. Other 407 Emergency Mngt Plan (Site), DEECD		Unlikely	Moderate	Low	N			Irrigation area. Reticulated water comes from dam

VFR Asset ID	Asset Type	Description	Risk Category	Likely Scenario is based on the McArthur Forest Fire Danger Indices (FFDI) rating of 100 (refer page 58)	Risk Rating	Existing Treatments	Likelihood	Consequence	Residual Risk	Other Treatment Required Y/N	Treatment Recommendations	Treatment Priority	Detail/Comments
78052	Human Settlement - Residential	Briagolong	Bushfire	Threatening vegetation grassy woodland Direct fire impact from the north and NW Ember attack from the north and NW	High	100 Community Ed/Engagement, CFA (brigade) 106 Community Fire Guard, CFA 203 Crown Land Fuel Reduction, DELWP 231 Burn Program, DELWP/PV 307 Patrol/Inspection, DELWP 413 Fire Access Roads/Tracks, Wellington Shire Council	Possible	Moderate	Medium	N			CFG names: Coopers Road Upper Marathon Briagolong Heights Stockdale Road Lyndons Road
78114	Human Settlement - Residential	Briagolong North	Bushfire	Threatening vegetation forest Direct fire impact from the north and NW Ember attack from the north and NW	Extreme	100 Community Ed/Engagement, CFA 106 Community Fire Guard, CFA 231 Burns Program, DELWP/PV 203 Crown Land Fuel Reduction, DELWP 307 Patrol/Inspection, PV 413 Fire Access Roads/Tracks, Wellington Shire Council	Possible	Major	High	N			Access/egress, one road in/out  CFG names: See above
78037	Human Settlement - SFP	Briagolong PS, Church St	Bushfire	Same as township	High	100 Community Ed/Engagement, CFA 212 Routine Asset Site Maint. School 407 Emergency Mngt Plan (Site), DEECD	Possible	Moderate	Medium	N			
78184	Human Settlement - SFP	Briagolong Kindergarten, occasional care, 28 Cahill St	Bushfire	Same as township	Very High	212 Routine Asset Site Maint. Kindergarten	Possible	Moderate	Medium	N			
78041	Human Settlement - SFP	Bundalaguah PS, 627 Sale-Maffra Rd	Bushfire	Threatening vegetation grasslands Direct fire impact from the North, West through to SW Ember attack = No	High	212 Routine Asset Site Maint. Other 407 Emergency Mngt Plan (Site), DEECD	Unlikely	Moderate	Low	N			Mostly irrigation, and river flats
78007	Human Settlement - Other	Carrajung (includes Carrajung South & Carrajung Lower)	Bushfire	Threatening vegetation tall forest Direct fire impact from all sides Ember attack from all sides	Very High	100 Community Ed/Engagement, CFA 101 Community Ed/Engagement, Wellington Shire Council 107 Fire Ready Victoria, CFA 203 Crown Land Fuel reduction, DELWP 231 Burn Program, DELWP/PV	Possible	Major	Very High	Y			Pine Plantations and Blue Gum (HVP)
78058	Human Settlement - Residential	Coongulla	Bushfire	Threatening vegetation grassy woodland Direct fire impact from the north and NW  Ember attack from the from the north and NW	Extreme	100 Community Ed/Engagement, CFA 203 Crown Land Fuel Reduction, DELWP  207 Fuel Hazard Mngt, Wellington Shire Council 231 Burn Program, DELWP/PV  307 Patrol/Inspection, DELWP, VicPol	Possible	Major	High	N	420 NSP – An assessment of the area could not identify a suitable location, neither could potential works be identified which could create a suitable location for the establishment of a NSP.		Unoccupied residence Lake Glenmaggie EMP 06/07 town surrounded by fire but not impacted Significantly impacted Jan 2013 from the Aberfeldy fire



VFR Asset ID	Asset Type	Description	Risk Category	Likely Scenario is based on the McArthur Forest Fire Danger Indices (FFDI) rating of 100 (refer page 58)	Risk Rating	A number of generic treatments exist which are applied across the state or municipality, and as such are not listed against each asset listed below but are listed in Part 5 of the MFMP.	Likelihood	Consequence	Residual Risk	Other Treatment Required Y/N	Treatment Recommendations	Treatment Priority	Detail/Comments
78079	Human Settlement - SFP	Coongulla, Yarra Valley Grammar Wootton Lodge, Hodges Rd	Bushfire	Threatening vegetation grassy woodland Direct fire impact from the north and NW Ember attack from the from the north and NW	Extreme	407 Emergency Mngt Plan (Site), DEECD 407 DEECD Bushfire At-Risk Register <b>Closed on Code Red Day (DEECD)</b>	Possible	Moderate	Medium	N			
78060	Human Settlement - Residential	Cowwarr	Bushfire	Threatening vegetation grassland Direct fire impact from grasslands north, NW, through to South Ember attack from forest NW through to South	Medium	100 Community Ed/Engagement, CFA 231 Burn Program, DELWP/PV	Possible	Moderate	Medium	N			
78129	Human Settlement - SFP	Cowwarr PS, Church St	Bushfire	Same as township	Medium	212 Routine Asset Site Maint. School 407 Emergency Mngt Plan (Site), DEECD	Possible	Moderate	Medium	N			
78189	Human Settlement - SFP	Cowwarr (Weir) on Site Accommodation	Bushfire	Threatening vegetation (to be assessed) Direct fire impact from (to be assessed) Ember attack from (to be assessed)	High	214 Routine Asset Site Maint. GW 400 Fire Protection Plan, GW 406 Emergency Management Plan, GW	Possible	Moderate	Medium	N			
78054	Human Settlement - Residential	Dargo	Bushfire	Threatening vegetation forest and grass Direct fire impact mainly from North & West Ember attack from all side	Extreme	100 Community Ed/Engagement, CFA 101 Community Ed/Engagement, Wellington Shire Council 203 Crown Land Fuel Reduction, DELWP 231 Burn Program, DELWP/PV 307 Patrol/Inspection, PV Emergency Water Supply, NSP LGA/CFA	Possible	Major	High	N	NSP under review 2014		See Upper Dargo assessment Stringy bark forest within 3Km  Resilient community  Landscape vegetation issues, NSP may be untenable
78149	Human Settlement - SFP	Dargo Bush Nursing Centre, 72 Lind Ave	Bushfire	Same as township	Extreme	212 Routine Asset Site Maint. Other 409 Emergency Mngt Plan (Site)	Possible	Major	High	N			
78093	Human Settlement - SFP	Dargo - Wonnangatta Caravan Park, 7611 Dargo Rd	Bushfire	Threatening vegetation forest and grass Direct fire impact from all sides Ember attack from all side	High	203 Crown Land Fuel Reduction, DELWP 212 Routine Asset Site Maint. Other 231 Burn Program, DELWP/PV 409 Emergency Mngt Plan (Site)	Possible	Moderate	High	Y	WSC to ensure all caravan park EMPs meet Regulations  Evac on a bad day		Location is south of Dargo Distance to forest 1 Km  EMP confirmed, Evac on a bad day
78055	Human Settlement - Other	Upper Dargo	Bushfire	Threatening vegetation forest Direct fire impact from all sides Ember attack from all side	Extreme	203 Crown Land Fuel Reduction, DELWP 231 Burn Program, DELWP/PV 307 Patrol/Inspection, PV	Unlikely	Catastrophic	High	Y	CFA targeted door knock		Unoccupied residence
		Intentionally Blank											

VFR Asset ID	Asset Type	Description	Risk Category	Likely Scenario	Risk Rating	Existing Treatments	Likelihood	Consequence	Residual Risk	Other Treatment Required Y/N	Treatment Recommendations	Treatment Priority	Detail/Comments
78005	Human Settlement - Other	Devon North	Bushfire	Threatening vegetation forest Direct fire impact from North and West Ember attack from North and West	High	106 Community fire Guard, CFA 107 Fire Ready Victoria, CFA 203 Crown Land Fuel Reduction, DELWP 207 Fuel Hazard Reduction (parks & reserves), WSC 231 Burn Program, DELWP/PV	Possible	Major	High	N	2009 fires - spotted off the Siz		Area impacted by 2009 fires.  Review fuel loads in 12 mths Stacey's Bridge CFG
78024	Human Settlement - SFP	Devon North PS, 3 Devon north Connection Road	Bushfire	Same as Devon North Township	High	212 Routine Asset Site Maint, School 407 Emergency Mngt Plan (Site), DEECD 407 DEECD Bushfire At-Risk Register <b>Closed on Code Red Day (DEECD)</b>	Possible	Major	High	N			
78042	Human Settlement - SFP	Giffard–East Gippsland Institute of TAFE Princess Hwy, Giffard	Bushfire	Threatening vegetation grasslands Direct fire impact from West and North Ember attack = No	High	212 Routine Asset Site Maint. TAFE 409 Emergency Mngt Plan (Site)	Unlikely	Minor	Low	N			TAFE to be relocated to Sale
7850085	Human Settlement - SFP	Fulham Correctional Centre Hopkins Rd, Fulham	Bushfire	Threatening vegetation grasslands Direct fire impact from (to be assessed) Ember attack = No	TBA	212 Routine Asset Site Maint. 409 Emergency Mngt Plan (Site)	Unlikely	Minor	Low	N			
78057	Human Settlement - Residential	Glenmaggie	Bushfire	Threatening vegetation Grassy woodland  Direct fire impact from north through NW, West to SW  Ember attack minimal	High	100 Community Ed/Engagement, CFA 106 Community Fire Guard, CFA 203 Crown Land Fuel Reduction, DELWP 231 Burn Program, DELWP/PV 413 Fire Access Roads/Tracks, Wellington Shire Council	Possible	Moderate	Medium	N			Significantly impacted Jan 2013 from the Aberfeldy fire  Unoccupied residences Lake Glenmaggie EMP
7850086	Human Settlement - SFP	Manjarra Outdoor Centre (school camps), Sandy Point Rd, Glenmaggie	Bushfire	Threatening vegetation grassy woodland Direct fire impact from (to be assessed) Ember attack (to be assessed)	TBA	(to be assessed)							<a href="#">Munjara Outdoor Centre Main Page</a>
78188	Human Settlement - SFP	Lake Glenmaggie On Site Accommodation	Bushfire	Threatening vegetation Grassy woodland Direct fire impact from (to be assessed) Ember attack (to be assessed)	Very High	214 Routine Asset Site Maint. GW 400 Fire Protection Plan, GW 406 Emergency Management Plan, GW	Possible	Moderate	Medium	Y			
78060	Human Settlement - SFP	Lake Glenmaggie Caravan Park 1, 2 and 3, Licola Rd	Bushfire	Same as Glenmaggie township	Very High	212 Routine Asset Site Maint. Other 231 Burn Program, DELWP/PV 409 Emergency Mngt Plan (Site)	Possible	Moderate	Medium	Y	WSC to ensure all caravan park EMPs meet Regulations		
78083	Human Settlement - SFP	Glenmaggie - Wallaby Rise Caravan Park, 29 Hurley Rd	Bushfire	Threatening vegetation Box Ironbark  Direct fire impact from North, NW, through to South Ember attack from North, NW, through to South	Very High	212 Routine Asset Site Maint. Other  231 Burn Program, DELWP/PV  409 Emergency Mngt Plan (Site)	Possible	Moderate	Medium	Y	WSC to ensure all caravan park EMPs meet Regulations		Approx. 20 permanent residents

VFR Asset ID	Asset Type	Description	Risk Category	Likely Scenario	Risk Rating	Existing Treatments	Likelihood	Consequence	Residual Risk	Other Treatment Required Y/N	Treatment Recommendations	Treatment Priority	Detail/Comments
78097	Human Settlement - SFP	Glenmaggie - Paradise Valley Camping Ground	Bushfire	Threatening vegetation grassland Direct fire impact from all sides Ember attack from all sides	High	212 Routine Asset Maint. Other 231 Burn Program, DELWP/PV 409 Emergency Mngt Plan (Site)	Unlikely	Minor	Low	Y	WSC to ensure all caravan park EMPs meet Regulations		
78098	Human Settlement - SFP	Glenmaggie - Montana Caravan Park, Kelleherns Rd	Bushfire	Threatening vegetation grassland Direct fire impact from all sides Ember attack from all sides	High	212 Routine Asset Site Maint. Other 409 Emergency Mngt Plan (Site)	Unlikely	Moderate	Low	Y	WSC to ensure all caravan park EMPs meet Regulations		
78017	Human Settlement - Other	Glomar Beach	Bushfire	Threatening vegetation coastal heathlands Direct fire impact from NW Ember attack NW and SW change Grassland running into heathland	Extreme	100 Community Ed/Engagement, CFA 106 Community Fire Guard, CFA 107 Fire Ready Victoria, CFA 207 Fuel Hazard Mngt, Wellington Shire Council 307 Patrol/Inspection, PV	Possible	Major	High	Y	Community Emergency Planning Targeted Tourist Education Land owner survey		Unoccupied residence Unmanaged roads Glomar Beach CFG
78018	Human Settlement - Residential	Golden Beach (includes Paradise Beach)	Bushfire	Threatening vegetation coastal heathlands <b>Scenario 1:</b> Direct fire impact from SW running along the coast under SW change. Ember attack from SW <b>Scenario 2:</b> Direct fire impact from the NW and south-westerly change, and spot fires into the town. Ember attack from the NW.	Extreme	101 Community Ed/Engagement, Wellington Shire Council 106 Community fire Guard, CFA 107 Fire Ready Victoria, CFA 231 Burns Program, DELWP/PV 203 Crown Land Fuel Reduction, DELWP 405 Emergency Water Supply (water tanks), LGA/CFA	Possible	Major	High	Y	Fire Prevention Plan Targeted community education NSP Firebreak estab Dev. of local FMP, underway		Including Paradise Beach and unoccupied residence and retired population permanent Golden Beach CFG DELWP/PV burn and carry out fuel reduction on NW side of Lake Reeves and on Gipps Water land
TBA	Human Settlement - SFP	Golden Beach Fishing Competition, Paradise Beach to Seaspray	Bushfire	Same as Golden Beach	Extreme	Same as Golden Beach above	Possible	Major	High	Y	Same as Golden Beach		Coastal Scrub, held on Australia Day
78008	Human Settlement - Residential	Gormandale	Bushfire	Threatening vegetation forest and grass Direct fire impact from forest in the North and grass in the SW Ember attack from the North	High	100 Community Ed/Engagement, CFA 203 Crown Land Fuel Reduction, DELWP 231 Burn Program, DELWP/PV 405 Emergency Water Supply (water tanks), LGA/CFA	Possible	Major	High	N			Small impact on edge of town 2009 Recovery Committee 2009
78028	Human Settlement - SFP	Gormandale and District PS, 38 Main St	Bushfire	Same as Gormandale township	High	212 Routine Asset Site Maint. Other 407 Emergency Mngt Plan (Site), DEECD Closed on Code Red Day (DEECD)	Possible	Major	High	N			Gormandale Community House - Possum World (after school care) 32 Main St.
78185	Human Settlement - SFP	Gormandale Kindergarten Rosedale Road	Bushfire	Same as Gormandale township	Very High	212 Routine Asset Site Maint. Other 407 Emergency Mngt Plan (Site), DEECD Closed on Code Red Day (DEECD)	Possible	Major	High	N			

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78059	Human Settlement - Residential	Heyfield	Bushfire	Threatening vegetation grassy woodland (Box Ironbark) Direct fire impact from the grasslands to the North, NW Ember attack from the forest to the north and from the SW on the wind change.	High	107 Fire Ready Victoria, CFA 209 Routine Maint. of rail line, Comm of Mngt (CoM) 203 Crown Land Fuel Reduction, DELWP 231 Burn Program, DELWP/PV	Possible	Moderate	Medium	Y	101 / 410 Explore development of a Community Emergency Mngt Plan		Dec 2006 threatened from north and West Significantly impacted Jan 2013 from the Aberfeldy fire Timber mills located in town (200 employed) Timber stockpile ~ \$20M+
78123	Human Settlement - SFP	Heyfield Hospital, 14 Licola Rd	Bushfire	Same as Heyfield township	Very High	212 Routine Asset Site Maint. Other 409 Emergency Mngt Plan (Site), Other	Possible	Moderate	Medium	N			
78186	Human Settlement - SFP	Heyfield Kindergarten, 3 Gordon St	Bushfire	Same as Heyfield township	Very High	212 Routine Asset Site Maint. Other 407 Emergency Mngt Plan (Site), DEECD	Possible	Moderate	Medium	N			
78125	Human Settlement - SFP	Heyfield PS, Temple St	Bushfire	Same as Heyfield township	High	12 Routine Asset Site Maint. Other 407 Emergency Mngt Plan (Site), DEECD	Possible	Moderate	Medium	N			
78124	Human Settlement - SFP	Heyfield - St Michaels School, Davis St	Bushfire	Same as Heyfield township	High	212 Routine Asset Site Maint. Other 407 Emergency Mngt Plan (Site), DEECD	Possible	Moderate	Medium	N			
78164	Human Settlement - SFP	Heyfield - Laurina Lodge Hostel, Eleanor St	Bushfire	Same as Heyfield township	Very High	212 Routine Asset Site Maint. Other 409 Emergency Mngt Plan (Site)	Possible	Moderate	Medium	N			
78099	Human Settlement - SFP	Heyfield - Blores Hill Caravan park, Weir Rd	Bushfire	Threatening vegetation forest Direct fire impact from the forest to the North and SW Ember attack from the forest to the North and SW	Extreme	231 Burns Program, DELWP/PV 212 Routine Asset Site Maint. Other 309 Patrol (Operation Fire Setter), VicPol 409 Emergency Mngt Plan (Site)	Likely	Major	Very High	Y	WSC to ensure all caravan park EMPs meet Regulations Encourage early evacuation		
78020	Human Settlement - Other	Hollands Landing	Bushfire	Threatening vegetation heathlands short Direct fire impact from all sides, except water Ember attack = No	Extreme	100 Community Ed/Engagement, CFA 101 Community Ed/Engagement, Wellington Shire Council 203 Crown Land Fuel Reduction, DELWP 303 Patrol/Inspection, Wellington Shire Council	Possible	Catastrophic	Very High	Y	East Gippsland and Wellington Shire Councils developing Community EMP		Unoccupied residence and retired population Access/egress one way
78100	Human Settlement - SFP	Hollands Landing - Lakeview Caravan Park, 211-219 Hollands Landing Rd,	Bushfire	Same as Hollands Landing	Very High	212 Routine Asset Site Maint. Other 307 Patrol/Inspection, PV 409 Emergency Mngt Plan (Site)	Possible	Catastrophic	Very High	Y	East Gippsland and Wellington Shire Councils developing Community EMP. WSC to ensure all caravan park EMPs meet Regulations		Unoccupied residence and retired population Access/egress one way

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78047	Human Settlement - SFP	Jack River - Forest Lodge School Camp, 52 Forest Lodge Rd	Bushfire	Threatening vegetation forest and grasslands Direct fire impact from grassland to the North and forest from the SW Ember attack from North and SW	Very High	203 Crown Land Fuel Reduction, DELWP 212 Routine Asset Site Maint. Other 231 Burns Program, DELWP/PV 409 Emergency Mngt Plan (Site)	Possible	Moderate	Medium	Y			Off Tap Tap road
78109	Human Settlement - Other	Kilmany	Bushfire	Threatening vegetation grassland Direct fire impact from North and SW Ember attack = No	High	Generic treatments only refer to Part 5.	Possible	Moderate	Medium	N			
78001	Human Settlement - Residential	Langsborough	Bushfire	Threatening vegetation heathlands tall Direct fire impact from North, West and SW Ember attack from North and SW	Extreme	100 Community Ed/Engagement, CFA 101 Community Ed/Engagement, WSC 203 Crown Land Fuel Reduction, DELWP 231 Burn Program, DELWP/PV 405 Emergency Water Supply (water tanks), LGA/CFA 413 Fire Access Roads/Tracks, Wellington Shire Council 420 GIG, CFA	Likely	Major	Very High	Y	CFA e.g. FRV		Holiday homes. Vulnerability High  CIG =Langsborough & Port Albert
78056	Human Settlement - Other	Licola	Bushfire	Threatening vegetation grassland Direct fire impact from all sides Ember attack and spot fires into the grassland from forest on all sides	Very High	100 Community Ed/Engagement, CFA 231 Burns Program, DELWP/PV 203 Crown Land Fuel Reduction, DELWP NSP,LGA/CFA	Possible	Moderate	Medium	N			Incidental camping Significantly impacted Jan 2013 from the Aberfeldy fire Community well informed NSP to be completed Aug 2013
78095	Human Settlement - SFP	Licola - Lions Village School Camp, Jamieson Rd	Bushfire	Same as Licola township	High	212 Routine Asset Site Maint. Other Emergency Water Supply, 409 Emergency Mngt Plan (Site)	Possible	Moderate	Medium	N			
78096	Human Settlement - SFP	Licola Caravan Park, 5 Jamieson Rd	Bushfire	Same as Licola township	High	212 Routine Asset Site Maint. Other 409 Emergency Mngt Plan (Site)	Possible	Moderate	Medium	Y	WSC to ensure all caravan park EMPs meet Regulations		
78031	Human Settlement - SFP	PS, Charlies St	Bushfire	Same as Loch Sport township (see below)	Very High	212 Routine Asset Site Maint. School 407 Emergency Mngt Plan (Site), DEECD <b>Closed on Code Red Day (DEECD)</b> 212 Routine Asset Site Maint. School	Possible	Catastrophic	Very High	Y	Same as Loch Sport township (see below)		
78146	Human Settlement - SFP	Loch Sport Community Health Care Centre, National Park Dve	Bushfire	Same as Loch Sport township	Extreme	212 Routine Asset Site Maint. Other 409 Emergency Mngt Plan (Site)	Possible	Catastrophic	Very High	Y	Same as Loch Sport township (see below)		



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				Likely Scenario		Existing Treatments							
78019	Human Settlement - Residential	Loch Sport	Bushfire	Threatening vegetation coastal heathlands  Direct fire impact from NE and SW under the influence of a SW change Ember attack from NE, NW to SW  <i>Last fire 27/9/2012 started 10Km SW of town, going under a NW wind. Size: 700 Ha</i> <i>Impacts:</i> <i>Electricity cut to town</i> <i>Longford-Loch Sport Rd under control of Police</i> <i>Town water supply affected due to fire blacking-out</i>	Extreme	101 Community Ed/Engagement, Wellington Shire Council  106 Community fire Guard, CFA 107 Fire Ready Victoria, CFA NSP, LGA/CFA 203 Crown Land Fuel Reduction, DELWP (see Seacombe assessment) 204 Crown Land Fuel Reduction - Firebreak, PV 207 Fuel Hazard Mngt, Wellington Shire Council 231 Burns Program, DELWP/PV 223 Roadside Veg Mngt - Full width cut from Golden beach turnoff into town 307 Patrol/Inspection, PV 405 Emergency Water Supply, LGA/CFA 413 Fire Access Roads/Tracks, Wellington Shire Council 411 Emergency Water Supply, DELWP 420 Community Information Guide, CFA	Possible	Catastrophic	Very High	Y	Local community plan (all agency) in development		Access & egress is critical issue Unoccupied residence and seasonal population and retired population and access and egress is critical issue History of unattended camp fires History of high issue of vegetation Mngt notices & non-compliance Loch Sport Wild Fire Management Plan  CFG Names: Lake Dwellers Bush Band Seagull
78073	Human Settlement - SFP	Loch Sport Caravan Park, Charles St	Bushfire	Same as Loch Sport township	High	212 Routine Asset Site Maint. Other 203 Crown Land Fuel Reduction, DELWP  231 Burns Program, DELWP 409 Emergency Mngt Plan (Site)	Possible	Catastrophic	Very High	Y	WSC to ensure all caravan park EMPs meet Regulations		Coastal Complex
78101	Human Settlement - SFP	Loch Sport - 90 Mile Beach Holiday Retreat, Track 10 via Longford/Loch Sport Rd	Bushfire	Threatening vegetation coastal heath Direct fire impact from the north, NW and SW Ember attack from the north and NW and SW	Very High	231 Burns Program, DELWP 409 Emergency Mngt Plan (Site)	Possible	Catastrophic	Very High	Y	WSC to ensure all caravan park EMPs meet Regulations  Fuel Mngt on private land		
78064	Human Settlement - Residential	Longford	Bushfire	Threatening vegetation grassland Direct fire impact from NE anti-clock round to SW Ember attack from the SW out of the plantations into the township and surrounding grasslands.	Medium	100 Community Ed/Engagement, CFA  HVP Firebreak maint around plantations 107 Fire Ready Victoria, CFA 203 Crown Land Fuel Reduction, DELWP 207 Fuel Hazard Mngt, Wellington Shire Council  231 Burn Program, DELWP/PV 405 Emergency Water Supply (water tanks), LGA/CFA 416 Fire Access Road/Track, DELWP	Possible	Moderate	Medium	N			Undulating land  Fencing will slow fire response

VFR Asset ID	Asset Type	Description	Risk Category	Likely Scenario	Risk Rating	Existing Treatments	Likelihood	Consequence	Residual Risk	Other Treatment Required Y/N	Treatment Recommendations	Treatment Priority	Detail/Comments
78065	Human Settlement - Other	Longford Lakeview Estate	Bushfire	Threatening vegetation pine plantation Direct fire impact from the West Ember attack from the West out of the plantations into the estate.	High	Same as Longford township above	Possible	Moderate	Medium	Y			Pine plantation
	Human Settlement - Other	Longford Kindergarten, Public Hall, 6-8 High St, Longford	Bushfire	Same as Longford township	High	100 Fire Safe Kids 212 Routine Asset Site Maint. School 407 Emergency Mngt Plan (Site), DEECD Closed on Code Red Day (DEECD)	Possible	Moderate	Medium	Y			Pine plantation
78030	Human Settlement - Residential	Longford PS, 6380 South Gippsland Hwy	Bushfire	Same as Longford township	High	212 Routine Asset Site Maint. School 407 Emergency Mngt Plan (Site), DEECD Closed on Code Red Day (DEECD)	Possible	Moderate	Medium	Y			Nearby gravel pit currently not maintained.
78049	Human Settlement - Residential	Maffra Interface	Bushfire	Threatening vegetation grasslands Direct fire impact from the North  Ember attack = No	High	100 Community Ed/Engagement, CFA 101 Community Ed/Engagement, WSC 107 Fire Ready Victoria, CFA 231 Burn Program, DELWP/PV	Possible	Moderate	Medium	N			
7850089	Human Settlement - SFP	Maffra Golf Club Caravan Park Fulton Rd, Maffra	Bushfire	Same as Maffra interface	Medium	212 Routine Asset Site Maint. Other 409 Emergency Mngt Plan (Site), Other	Possible	Moderate	Medium	Y	WSC to ensure all caravan park EMPs meet Regulations		
78050	Human Settlement - Other	Maffra - Sellings Lane Estate	Bushfire	Same as Maffra interface	Very High	Same as Maffra Interface	Possible	Moderate	Medium	N			
78011	Human Settlement - Residential	Manns Beach	Bushfire	Threatening vegetation Heathlands Short Direct fire impact from the North and West Ember attack = No	Extreme	100 Community Ed/Engagement, CFA 101 Community Ed/Engagement, WSC 107 Fire Ready Victoria, CFA 203 Crown Land Fuel Reduction, DELWP	Possible	Major	High	Y	More targeted community engagement		Unoccupied residence
78012	Human Settlement - Residential	McLoughlins Beach	Bushfire	Threatening vegetation grasslands Direct fire impact from grasslands to the north of town and from area of heath land scrub in the middle of town Ember attack from north grasslands and scrub within town.	Extreme	100 Community Ed/Engagement, CFA  101 Community Ed/Engagement, Wellington Shire Council  106 Community Fire Guard, CFA 107 Fire Ready Victoria, CFA 203 Crown Land Fuel Reduction, DELWP 207 Fuel Hazard Mngt, Wellington Shire Council 307 Patrol/Inspection, PV	Possible	Major	High	Y	More targeted community engagement		Large unmanaged area of heath land scrub in the middle of town that is privately owned 6ha  Unoccupied residence



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7850090	Human Settlement - SFP	Meerlieu Roseneath /caravan Park, 422 Woodpile Rd, Meerlieu	Bushfire		Very High	212 Routine Asset Site Maint. School  409 Emergency Mngt Plan (Site)					WSC to ensure all caravan park EMPs meet Regulations		
78032	Human Settlement - SFP	Meerlieu PS, 1462 Lindenow-Meerlieu Rd	Bushfire	Threatening vegetation grassland Direct fire impact from all sides Ember attack = No	Very High	212 Routine Asset Site Maint. School 407 Emergency Mngt Plan (Site), DEECD <b>Closed on Code Red Day (DEECD)</b>	Possible	Moderate	Medium	Y	Shire doing community EMP engagement		Evac on high risk days
78021	Human Settlement - Other	Munro	Bushfire	Threatening vegetation grassy woodlands Direct fire impact from North and West Ember attack	Very High	100 Community Ed/Engagement, CFA 101 Community Ed/Engagement, WSC 203 Crown Land Fuel Reduction, DELWP 207 Fuel Hazard Mngt, Wellington Shire Council 209 Routine Maint. of rail line, Utility 231 Burn Program, DELWP/PV 405 Emergency Water Supply (water tanks), LGA/CFA	Possible	Major	High	N			Fire out of foothills into plantation could get a run to endanger  DELWP Zone 2 burn
78040	Human Settlement - SFP	Nambrok Denison PS, Sale-Cowwarr Rd, Nambrok	Bushfire	Threatening vegetation grassland Direct fire impact from North and West Ember attack = No	High	203 Crown Land Fuel Reduction, DELWP 212 Routine Asset Site Maint. Other 231 Burns Program, CFA/DELWP/PV 407 Emergency Mngt Plan (Site), DEECD	Unlikely	Minor	Low	N			Irrigation area Unlikely grassfire would get a major hold
78066	Human Settlement - Other	Newry	Bushfire	Threatening vegetation grasslands Direct fire impact = No Ember attack possible	Low	100 Community Ed/Engagement, CFA 101 Community Ed/Engagement, Wellington Shire Council 207 Fuel Hazard Reduction (parks & reserves), LGA 231 Burn Program, DELWP/PV	Unlikely	Moderate	Low	N			
78107	Human Settlement - SFP	Paradise Beach - Shoreline Drive Camping Ground, 168 The Boulevard	Bushfire	Same as Golden Beach	Extreme	212 Routine Asset Site Maint. Other 307 Patrol/Inspection, PV 409 Emergency Mngt Plan (Site)	Possible	Major	High	Y	Same as Golden Beach		Coastal Complex
	Human Settlement - SFP	Perry Bridge - Strathfieldsaye Scout Camp	Bushfire	Threatening vegetation coastal heathlands Direct fire impact from North & West Ember attack = No	Extreme	212 Routine Asset Site Maint. Other 409 Emergency Mngt Plan (Site)	Possible	Moderate	Medium	Y	Engagement with facility Mngt		Possibility of fire on both sides of the river - logistical issues  Evac on high fire danger day assumed in EMP

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78002	Human Settlement - Residential	Port Albert	Bushfire	Threatening vegetation Heathlands Tall Direct fire impact from North and SW Ember attack from North and SW	Extreme	100 Community Ed/Engagement, CFA 101 Community Ed/Engagement, WSC 107 Fire Ready Victoria, CFA 203 Crown Land Fuel Reduction, DELWP 207 fuel Hazard Mngt, Wellington Shire Council 231 Burn Program, DELWP/PV 405 Emergency Water Supply, CFA 411 Emergency Water Supply, DELWP 420 Township Protection Plan, CFA NSP, LGA/CFA	Possible	Major	Very High	Y	Access/Egress - one only Subject to State Govt funding Shire commencing community EM Planning		Unoccupied residences Vulnerability High
78045	Human Settlement - SFP	Port Albert Caravan Park	Bushfire	Same as Port Albert township	Very High	212 Routine Asset Site Maint. Other 409 Emergency Mngt Plan (Site)	Possible	Major	Very High	Y	WSC to ensure all caravan park EMPs meet Regulations		
78091	Human Settlement - SFP	Port Albert - Seabank Caravan Park, 95 Old Port Rd	Bushfire	Threatening vegetation short coastal heathlands  Direct fire impact from North Ember attack = No	Very High	231 Burns Program, DELWP/PV  203 Crown Land Fuel Reduction, DELWP 212 Routine Asset Site Maint. Other 409 Emergency Mngt Plan (Site)	Possible	Major	High	Y	WSC to ensure all caravan park EMPs meet Regulations		
78086	Human Settlement - SFP	Reeves Beach Camping Ground	Bushfire	Threatening vegetation forested wetland Direct fire impact from (To be assessed) Ember attack from (To be assessed)	Extreme	231 Burns Program, DELWP/PV 307 Inspection/Patrol, PV	Possible	Major	High	Y	PV close on High fire danger day Tourism information disseminated		Coastal Complex
78046	Human Settlement - SFP	Robertsons Beach - Illawong Lodge by the Sea, 105 Langs Rd	Bushfire	Threatening vegetation Heathland Tall Same as Roberstons Beach	Very High	212 Routine Asset Site Maint. Other 409 Emergency Mngt Plan (Site) Emergency Water Supply	Possible	Major	High	Y	Tourism information disseminated		Coastal Complex
78120	Human Settlement - Other	Robertsons Beach	Bushfire	Threatening vegetation Heathland Short Direct fire impact from North Ember attack minor from North	Very High	100 Community Ed/Engagement, CFA 107 Fire Ready Victoria, CFA 203 Crown Land Fuel Reduction, DELWP 405 Emergency Water Supply (water tanks), LGA/CFA	Possible	Major	High	Y	Tourism information disseminated		Unoccupied residences
78115	Human Settlement - Residential	Rosedale Northern Interface	Bushfire	Threatening vegetation grasslands Direct fire impact from grassland to the north and NW Ember attack unlikely	High	107 Fire Ready Victoria, CFA  231 Burns Program, DELWP/PV	Unlikely	Moderate	Low	N			

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78118	Human Settlement - Residential	Rosedale Central	Bushfire	Threatening vegetation grasslands Direct fire impact = No Ember attack = No	Low	107 Fire Ready Victoria, CFA	Unlikely	Minor	Low	N			
78061	Human Settlement - Residential	Rosedale Southern Interface	Bushfire	Threatening vegetation grasslands Direct fire impact from grasslands on the SW change Ember attack unlikely	Medium	107 Fire Ready Victoria, CFA 209 Routine Maint. of rail line, Utility 231 Burns Program, DELWP/PV	Unlikely	Moderate	Low	N			
78179	Human Settlement - SFP	Rosedale Neighbourhood House, Cansick St	Bushfire	Same as Rosedale Central	Medium	212 Routine Asset Site Maint. Other	Unlikely	Minor	Low	N			
78147	Human Settlement - SFP	Rosedale Community Health Care Centre, Cansick St	Bushfire	Same as Rosedale Central	Medium	212 Routine Asset Site Maint. Other	Unlikely	Minor	Low	N			
78165	Human Settlement - SFP	Rosedale - Dr Kathleen Turner Memorial Homes, Duke St	Bushfire	Same as Rosedale Central	Medium	212 Routine Asset Site Maint. Other	Unlikely	Minor	Low	N			
78043	Human Settlement - SFP	Rosedale PS, Cricket St	Bushfire	Same as Rosedale Central	High	212 Routine Asset Site Maint. Other 407 Emergency Mngt Plan (Site), DEECD	Unlikely	Minor	Low	N			
78103	Human Settlement - SFP	Rosedale Caravan Park, Princes Hwy/, Cricket St	Bushfire	Need to re-assess site	Very High	Requires consultation with owner/manager 409 Emergency Mngt Plan (Site)				Y	(To be assessed) (To be assessed)		
78063	Human Settlement - Residential	Sale Interface	Bushfire	Threatening vegetation grasslands Direct fire impact from North and NW Ember attack = No	Medium	100 Community Ed/Engagement, CFA 101 Community Ed/Engagement, Wellington Shire Council 107 Fire Ready Victoria, CFA 203 Crown Land Fuel Reduction, DELWP 209 Routine Maint. of rail line, Utility 231 Burns Program, DELWP/PV	Possible	Moderate	Medium	N			

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78132 78033 78044	Human Settlement - SFP	SALE:  Australian Technical College, 37 Cobains Rd Cobains PS, 3 Crofts Rd, Cobains  Guthridge PS, Dawson St	Bushfire	Same as Sale Interface  Same as Sale Interface  Same as Sale township	High	All:  100 Fire Safe Kids, CFA <b>(Cobain PS only)</b>  212 Routine Asset Site Maint. Other  407 Emergency Mngt Plan (Site), DEECD	Possible  Unlikely	Moderate  Minor	Medium  Low	N  N			
78166 78172 78152	Human Settlement - SFP	SALE:  East Sale Childcare Centre and Kindergarten, 368 Lower Heart Rd,  Whiz Kidz Care, 2 Dawson St Reeve St Kindergarten, Reeves St  Domain Sale Aged Care, 12 Sale-Maffra Rd	Bushfire	Same as Sale Interface  Same as Sale township  Same as Sale township  Same as Sale interface	Very High	All:  212 Routine Asset Site Maint. Other  409 Emergency Mngt Plan (Site) need to verify	Possible  Unlikely  Unlikely	Moderate  Minor  Minor	Medium  Low  Low	N  N  N	Have plans for Accreditation		
78113	Human Settlement - Other	Seacombe	Bushfire	Threatening vegetation coastal heath  Direct fire impact from the SW  Ember attack = No	Extreme	203 Crown Land Fuel Reduction, DELWP  231 Burn Program, DELWP/PV					101 Community Ed		Seasonal population  Two Lakes to the north On a less extreme fire risk easterly
78015	Human Settlement - Residential	Seaspray	Bushfire	<b>Scenario 1.</b> Threatening vegetation grassland Direct fire impact from the north and NW. Ember attack unlikely from grassland  <b>Scenario 2.</b> Threatening vegetation Teatree scrub and plantation Direct fire impact from the West on a wind change. Ember attack into the town from the West	Extreme	100 Community Ed/Engagement, CFA  107 Fire Ready Victoria, CFA  231 Burns Program, DELWP/PV (Giffard Res)  207 Fuel Hazard Mngt, Wellington Shire Council	Possible	Moderate	Medium	N			Unoccupied residence and seasonal population  Teatree scrub along Merrimans Ck Water issue when local FF & reserve water tanks depleted Giffard Flora Reserve, State Park 10K Ha  Plantations: mix of pine & eucalypts
7850088	Human Settlement - SFP	Seaspray Caravan Park, Cnr of Shoreline Dve & Fatcher St, Seaspray	Bushfire		Medium	203 Crown Land Fuel Reduction, DELWP 212 Routine Asset Site Maint. Other 409 Emergency Mngt Plan (Site)	Possible	Moderate	Medium	Y	WSC to ensure all caravan park EMPs meet Regulations		Caravan Park to close mid 2013 & relocate to new site away from dunes. New site to be risk assessed.

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78029	Human Settlement - SFP	Seaspray PS, 15 Prospect Rd	Bushfire	Same as township	Very High	212 Routine Asset Site Maint. School 407 Emergency Mngt Plan (Site), DEECD 407 DEECD Bushfire At-Risk Register <b>Closed on Code Red Day (DEECD)</b>	Possible	Moderate	Medium	N			
78112	Human Settlement - Other	Seaton	Bushfire	Threatening vegetation forest  Direct fire impact from North, West and SW  Ember attack from West	Very High	231 Burns Program, DELWP/PV	Possible	Major	High	Y	CFGs Review current static water Brigade/CFA		No reticulated water, water an issue? Significantly impacted Jan 2013 from the Aberfeldy fire
78117	Human Settlement - Residential	Stratford	Bushfire	Threatening vegetation grasslands  Direct fire impact = No Ember attack = No	Low	100 Community Ed/Engagement, CFA 107 Fire Ready Victoria, CFA 207 fuel Hazard Mngt, Wellington Shire Council 209 Routine Maint. of rail line, Utility	Unlikely	Moderate	Low	N			
78022	Human Settlement - Residential	Stratford Interface	Bushfire	Threatening vegetation grasslands  Direct fire impact from creek vegetation on the West and South Ember attack = No	High	100 Community Ed/Engagement, CFA 107 Fire Ready Victoria, CFA 207 Fuel Hazard Mngt, Wellington Shire Council 209 Routine Maint. of rail line, Utility 231 Burns Program, DELWP/PV	Possible	Moderate	Medium	N			
78023	Human Settlement - Other	Stratford - Redbank Estate	Bushfire	Threatening vegetation grassy woodlands  Direct fire impact from North Ember attack minimal	High	Generic treatments only refer to Part 5.	Possible	Moderate	Medium	Y	Requires consultation with community for an EMP		Large residential blocks
78183	Human Settlement - SFP	Stratford Kindergarten, Dixon St	Bushfire	Same as Stratford township	Medium	212 Routine Asset Site Maint. Other  407 Emergency Mngt Plan (Site), DEECD	Unlikely	Moderate	Low	N			
78036	Human Settlement - Other	Stratford PS, Merrick St	Bushfire	Same as Statford interface	High	212 Routine Asset Site Maint. Other 407 Emergency Mngt Plan (Site), DEECD	Possible	Moderate	Medium	N			
78035	Human Settlement - Other	St Patricks School, Merrick St	Bushfire	Same as Statford interface	High	212 Routine Asset Site Maint. Other 407 Emergency Mngt Plan (Site), DEECD	Possible	Moderate	Medium	N			
78078	Human Settlement - Other	Stratford Top Tourist Park, McMillan St	Bushfire	Same as Stratford interface	Very High	212 Routine Asset Site Maint. Other 409 Emergency Mngt Plan (Site)	Possible	Moderate	Medium	Y	WSC to ensure all caravan park EMPs meet Regulations		

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78111	Human Settlement - Other	Tarra Valley	Bushfire	Threatening vegetation forest Direct fire impact from North and West, wind change and SW on the Ember attack from North and West and on change	Very High	413 Fire Access Roads/Tracks, Wellington Shire Council	Possible	Major	High	Y	Major fire unlikely but if occurs could be catastrophic For confirmation on assessment		Approx. 20 permanent dwellings
78069	Human Settlement - Other	Tarra Valley - Best Friend Holiday Retreat, 1720 Tarra Valley Rd	Bushfire	Same as Tarra Valley	Extreme	212 Routine Asset Site Maint. Other 409 Emergency Mngt Plan (Site) 413 Fire Access Roads/Tracks, Wellington Shire Council	Possible	Major	High	Y	CFA to engage with Management  WSC to ensure all caravan park EMPs meet Regulations		Approx. 20 permanent dwellings
78068	Human Settlement - Other	Tarra Valley - Fernholme Caravan Park	Bushfire	Same as Tarra Valley	Extreme	212 Routine Asset Site Maint. Other 409 Emergency Mngt Plan (Site)	Possible	Major	High	Y	CFA to engage with Management  WSC to ensure all caravan park EMPs meet Regulations		Approx. 20 permanent dwellings
78010	Human Settlement - Other	Tarraville	Bushfire	Threatening vegetation grasslands in the north and heathlands in the West Direct fire impact from grasslands in the north and heathlands in the West Ember attack limited	High	100 Community Ed/Engagement, CFA 101 Community Ed/Engagement, Wellington Shire Council 107 Fire Ready Victoria, CFA 203 Crown Land Fuel Reduction, DELWP 405 Emergency Water Supply (water tanks), CFA	Possible	Moderate	Medium	Y	Further consultation required		Unoccupied residence
78016	Human Settlement - Residential	The Honeysuckles	Bushfire	Threatening vegetation coastal heathlands Direct fire impact from NW  Ember attack NW and SW change Grassland running into heathland	Extreme	207 Fuel Hazard Mngt, Wellington Shire Council	Possible	Major	High	Y	Community Emergency Plan  Tourist Education Land owner survey		Seasonal population Banksia amongst houses History of unattended camp fires History of high issue of vegetation Mngt notices & non-compliance
78067	Human Settlement - Other	Tinamba	Bushfire	Threatening vegetation grasslands Direct fire impact = No Ember attack unlikely	Low	100 Community Ed/Engagement, CFA 207 Fuel Hazard Mngt, Wellington Shire Council	Unlikely	Moderate	Low	No			
78053	Human Settlement - Other	Valencia Creek	Bushfire	Threatening vegetation grassy woodlands Direct fire impact from forest to the North and then grassy woodlands from the West and SW. Ember attack from forest to the North and then grassy woodlands from the West and SW.	High	203 Crown Land Fuel Reduction, DELWP 231 Burn Program, DELWP/PV 413 Fire Access Roads/Tracks, Wellington Shire Council	Possible	Major	High	Y	CFA FRV		



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78104	Human Settlement - Other	Valencia Creek Caravan Park	Bushfire	Threatening vegetation forest Direct fire impact from North and NW Ember attack from North through to NW on a southerly wind change from SW	Extreme	231 Burn Program, DELWP/PV 212 Routine Asset Site Maint. Other 409 Emergency Mngt Plan (Site)	Possible	Major	High	Y	Tourist education WSC to ensure all caravan park EMPs meet Regulations		
78006	Human Settlement - Other	Won Wron	Bushfire	Threatening vegetation forest Direct fire impact from the North and West and grassland to the SW Ember attack from the North and West	High	231 Burns Program, DELWP 203 Crown Land Fuel Reduction, DELWP	Possible	Major	High	Y	Community education		Area impacted by 2009 fires.
78013	Human Settlement - Residential	Woodside	Bushfire	Threatening vegetation forest Direct fire impact from north and in town along creek running through centre of town Ember attack from North and NW	Extreme	100 Community Ed/Engagement, CFA 101 Community Ed/Engagement, Wellington Shire Council 107 Fire Ready Victoria, CFA 203 Crown Land Fuel Reduction, DELWP 207 Fuel Hazard Mngt, Wellington Shire Council 405 Emergency Water Supply (water tanks), LGA/CFA 231 Burn Program, DELWP/PV	Possible	Catastrophic	Very High	Y	410 Possible development of a community EMP		
78027	Human Settlement - SFP	Woodside PS, Beach Rd	Bushfire	Same as Woodside township	High	202 Burns Program, CFA/DELWP/PV 212 Routine Asset Site Maint. Other 407 Emergency Mngt Plan (Site), DEECD	Possible	Catastrophic	Very High	Y	Place on DEECD At-Risk Register		
78105	Human Settlement - SFP	Woodside Central Caravan Park, Victoria St	Bushfire	Same as Woodside township	Extreme	212 Routine Asset Site Maint. Other 409 Emergency Mngt Plan (Site)	Possible	Catastrophic	Very High	Y	WSC to ensure all caravan park EMPs meet Regulations		
78014	Human Settlement - Residential	Woodside Beach	Bushfire	Threatening vegetation grasslands Direct fire impact from North and West Ember attack = No	Extreme	100 Community Ed/Engagement, CFA 101 Community Ed/Engagement, WSC 106 Community fire Guard, CFA 203 Crown Land Fuel Reduction, DELWP 207 Fuel Hazard Mngt, Wellington Shire Council 307 Patrol/Inspection, PV 405 Emergency Water Supply (water tanks), LGA/CFA 231 Burn Program, DELWP/PV	Possible	Major	High	N			One access/egress  Unoccupied Residence and seasonal population
78071	Human Settlement - SFP	Woodside Beach Caravan Park, Woodside Beach Rd	Bushfire	Same as Woodside Beach township	Extreme	231 Burns Program, DELWP/PV 203 Crown Land Fuel Reduction, DELWP 212 Routine Asset Site Maint. Other 409 Emergency Mngt Plan (Site)	Possible	Major	High	N	WSC to ensure all caravan park EMPs meet Regulations		



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78094	Human Settlement - SFP	Woodside Beach Road	Bushfire	Threatening vegetation grasslands Direct fire impact from Ember attack	Extreme	231 Burns Program, DELWP/PV 203 Crown Land Fuel Reduction, DELWP 418 Traffic Diversion Plans, VicRoads	Possible	Major	High	N			
78062	Human Settlement - Residential	Wurruk	Bushfire	Threatening vegetation grasslands Direct fire impact from North and West Ember attack = No	Medium	100 Community Ed/Engagement, CFA 209 Routine Maint. of rail line, Utility	Likely	Minor	Medium	N			New Hwy upgrade effectively puts a firebreak through the middle of town.
78130	Human Settlement - SFP	Wurruk PS	Bushfire	Same as township	High	212 Routine Asset Site Maint. Other 407 Emergency Mngt Plan (Site), DEECD	Likely	Minor	Medium	N			
78004	Human Settlement - Residential	Yarram Interface	Bushfire	Threatening vegetation grasslands Direct fire impact from the North through to the West Ember attack from the North through to the West	Very High	100 Community Ed/Engagement, CFA 101 Community Ed/Engagement, Wellington Shire Council 107 Fire Ready Victoria, CFA 231 Burn Program, DELWP/PV 410 Emergency Mngt Plan (community), Wellington Shire Council	Likely	Moderate	High	Y	More targeted community engagement		Last burnt 2009 ) west of Hwy but not into town residential properties or light industrial properties
78048	Human Settlement - SFP	Yarram Rosebank Tourist Park, Commercial Rd	Bushfire	Same as Yarram township interface	Very High	212 Routine Asset Site Maint. Other 409 Emergency Mngt Plan (Site)	Likely	Moderate	High	Y	More targeted community engagement  WSC to ensure all caravan park EMPs meet Regulations		
78092	Human Settlement - SFP	Yarram - Windmill Caravan Park, Commercial Rd	Bushfire	Same as Yarram township interface	Very High	212 Routine Asset Site Maint. Other 409 Emergency Mngt Plan (Site)	Likely	Moderate	High	Y	More targeted community engagement		
78200	Agricultural	Livestock Industry	Bushfire			104 Agricultural Mngt, CFA							
78208	Commercial	Murray Goulburn Milk Factory, Maffra	Bushfire	Direct fire impact = No	Low	212 Routine Asset Site Maint. Other 409 Emergency Mngt Plan (Site)	Unlikely	Minor	Low	N			VFRR-B changed raw risk rating from Medium to Low Dec 2012
78224	Infrastructure	West Sale Airfield	Bushfire	Direct fire impact = No	Low	212 Routine Asset Site Maint. Other; 409 Emergency Mngt Plan (Site)	Unlikely	Minor	Low	N			

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78235	Infrastructure	BassLink Transition Station	Bushfire			Extreme								
78236	Commercial	Esso Longford Gas Plant	Bushfire	Direct fire impact unlikely Ember attack		Extreme	212 Routine Asset Site Maint. Other 409 Emergency Mngt Plan (Site) 300m non-veg buffer zone Inspection of buffer zone on TFB days							
78215	Commercial Forest	Softwood Plantations	Bushfire			Extreme	205 Fuel Hazard Mngt, Other 231 Burns Program, DELWP/PV 300 Ignition Mngt, HVP Emergency Water Supply, 409 Emergency Mngt Plan (Site), Other 413 Fire Access Roads/Tracks, Wellington Shire Council							
78214	Commercial Forest	Hardwood Plantations	Bushfire			Extreme	205 Fuel Hazard Mngt, Other;225 231 Burns Program, DELWP/PV 300 Ignition Mngt, HVP Emergency Water Supply, 409 Emergency Mngt Plan (Site) 413 Fire Access Roads/Tracks, Wellington Shire Council							
78210	Commercial	Australian Sustainable Hardwood Timber Mill, Heyfield	Bushfire			Very High	212 Routine Asset Site Maint. Other 303 Patrol/Inspection, Wellington Shire Council 409 Emergency Mngt Plan (Site)							
78217	Commercial	HVP Gelliondale Nursery	Bushfire			Extreme	202 Burns Program, CFA/DELWP/PV 203 Crown Land Fuel Reduction, DELWP 205 Fuel Hazard Mngt, Other 300 Ignition Mngt, HVP 409 Emergency Mngt Plan (Site) 413 Fire Access Roads/Tracks, Wellington Shire Council							
78209	Commercial	Firebrace Timber Mills, Heyfield	Bushfire			High								
78216	Commercial	Olarens Shaw Treated Timber, Alberton	Bushfire			High								

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78212	Commercial	Radial Timber Plant, Yarram	Bushfire		High								
78211	Commercial	Carter Holt Harvey Timber Mill, Yarram	Bushfire		Medium	203 Crown Land Fuel Reduction, DELWP 212 Routine Asset Site Maint. Other 222 Roadside Vegetation Mngt, Wellington Shire Council 409 Emergency Mngt Plan (Site)							
78234	Commercial	Rosedale Timber Mill, Fawkes Rd, Rosedale	Bushfire		High								
78213	Commercial	RAAF Airbase, East Sale	Bushfire		High	203 Crown Land Fuel Reduction, DELWP 205 Fuel Hazard Mngt, Other 212 Routine Asset Site Maint. Other 231 Burns Program, DELWP/PV 409 Emergency Mngt Plan (Site)							
78233	Infrastructure	RAAF Radar Station, Dead Man Hill (Longford)	Bushfire	Direct fire impact = No	High	212 Routine Asset Site Maint. Other 409 Emergency Mngt Plan (Site), Other							
78221	Infrastructure	Mt Moornapa Communications Tower	Bushfire		High	212 Routine Asset Site Maint. Other							
78219	Infrastructure	Longford ABC Communications Tower	Bushfire	Direct fire impact = No	Low	212 Routine Asset Site Maint. Other	Unlikely	Minor	Low	N			
78222	Infrastructure	Mt Useful Communications Tower	Bushfire		High	205 Fuel Hazard Mngt, Other 212 Routine Asset Site Maint. Other							
78218	Infrastructure	Carrajung Communications Tower	Bushfire		High	212 Routine Asset Site Maint. Other							

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78223	Infrastructure	Mt Gibraltar Communications Tower	Bushfire		Medium	212 Routine Asset Site Maint. Other							
78220	Infrastructure	Commercial Radio Communications Tower, Myrtlebank	Bushfire	Direct fire impact = No	Low	212 Routine Asset Site Maint. Other	Unlikely	Minor	Low	N			
78201	Infrastructure	Princes Hwy (Wellington Shire)	Bushfire		Very High	203 Crown Land Fuel Reduction, DELWP 231 Burns Program, DELWP/PV 418 Traffic Diversion Plans, VicRoads							Refer also to Attachment E - Map: Victorian Road Bushfire Risk Assessment - Wellington
78202	Infrastructure	South Gippsland Hwy (Wellington Shire)	Bushfire		Very High	203 Crown Land Fuel Reduction, DELWP 205 Fuel Hazard Mngt, Other 231 Burns Program, DELWP/PV 418 Traffic Diversion Plans, VicRoads							Refer also to Attachment E - Map: Victorian Road Bushfire Risk Assessment - Wellington
78206	Infrastructure	Licola Rd, Licola	Bushfire		High	203 Crown Land Fuel Reduction, DELWP 231 Burns Program, DELWP/PV 418 Traffic Diversion Plans, VicRoads							Refer also to Attachment E - Map: Victorian Road Bushfire Risk Assessment - Wellington
78203	Infrastructure	Seaspray Rd (Longford to Seaspray)	Bushfire		High	212 Routine Asset Site Maint. Other;418							Refer also to Attachment E - Map: Victorian Road Bushfire Risk Assessment - Wellington
78204	Infrastructure	Longford to Loch Sport Rd	Bushfire		High	203 Crown Land Fuel Reduction, DELWP 231 Burns Program, DELWP/PV 418 Traffic Diversion Plans, VicRoads							<i>Last fire 27/9/2012 started 10Km SW of town, going under a NW wind</i>
78205	Infrastructure	Dargo Rd, Dargo	Bushfire		High	202 Burns Program, CFA/DELWP/PV 203 Crown Land Fuel Reduction, DELWP 418 Traffic Diversion Plans, VicRoads							Refer also to Attachment E - Map: Victorian Road Bushfire Risk Assessment - Wellington
78225	Infrastructure	Hyland Hwy (Traralgon to Yarram)	Bushfire		Medium	203 Crown Land Fuel Reduction, DELWP 231 Burn Program, DELWP/PV							Refer also to Attachment E - Map: Victorian Road Bushfire Risk Assessment - Wellington

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78226	Infrastructure	Dutson WWTP	Bushfire		High	205 Fuel Hazard Mngt, GW 212 Routine Asset Site Maint. GW 300 Ignition Mngt, HVP 409 Emergency Mngt Plan (Site)							
78232	Infrastructure	Briagolong WTP	Bushfire		High	205 Fuel Hazard Mngt, GW 212 Routine Asset Site Maint. GW 409 Emergency Mngt Plan (Site), GW							
78231	Infrastructure	Seaspray WTP	Bushfire		High	205 Fuel Hazard Mngt, GW 212 Routine Asset Site Maint. GW 409 Emergency Mngt Plan (Site), GW							
78228	Infrastructure	Coongulla WTP	Bushfire		High	205 Fuel Hazard Mngt, GW 212 Routine Asset Site Maint. GW 409 Emergency Mngt Plan (Site), GW							
New Asset	Infrastructure	Coongulla WWTP	Bushfire	To be assessed at next VFRR-B Review		205 Fuel Hazard Mngt, GW 212 Routine Asset Site Maint. GW 409 Emergency Mngt Plan (Site), GW							
78227	Infrastructure	Heyfield WTP	Bushfire		High	205 Fuel Hazard Mngt, GW 212 Routine Asset Site Maint. GW 409 Emergency Mngt Plan (Site), GW							
78230	Infrastructure	Sale WTP	Bushfire	Direct fire impact = No	high	205 Fuel Hazard Mngt, GW 212 Routine Asset Site Maint. GW 409 Emergency Mngt Plan (Site), GW							
78229	Infrastructure	Maffra WTP	Bushfire	Direct fire impact = No	Medium	205 Fuel Hazard Mngt, GW 212 Routine Asset Site Maint. GW 409 Emergency Mngt Plan (Site), GW							
78200	Drinking Water Catchment	Wellington Water Catchment, Maffra and spreading north	Bushfire		Extreme								
78237	Infrastructure	Maffra Weir	Bushfire		Extreme	214 Routine Asset Site Maint. SRW 400 Fire Protection Plan, SRW 406 Emergency Management Plan, SRW							Southern Rural Water Regional Asset

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78238	Infrastructure	Lake Glenmaggie	Bushfire			Extreme		214 Routine Asset Site Maint. GW 400 Fire Protection Plan, GW 406 Emergency Management Plan, GW							Southern Rural Water Assessment based on water quality Regional Asset
New Asset	Infrastructure	Lake Glenmaggie Hydro Power Station, Weir Reserve	Bushfire		To be assessed at next VFRR-B Review										
78239	Infrastructure	(Lake) Glenmaggie Workshop and Office	Bushfire			High		214 Routine Asset Site Maint. SRW 400 Fire Protection Plan, SRW 406 Emergency Management Plan, SRW							Southern Rural Water Local Asset
78240	Infrastructure	Cowwarr (Weir) Workshop and Control Room	Bushfire			Medium		214 Routine Asset Site Maint. SRW 400 Fire Protection Plan, SRW 406 Emergency Management Plan, SRW							Southern Rural Water Local Asset
78241	Infrastructure	Cowwarr Weir	Bushfire			High		214 Routine Asset Site Maint. SRW 400 Fire Protection Plan, SRW 406 Emergency Management Plan, SRW							Southern Rural Water Assessment based on water quality Local Asset
78601	Cultural	Rosedale Railway Station, Willung Rd	Bushfire												Victorian Heritage Register <a href="#">Rosedale Railway Station Complex (Heritage Listed Location) : On My Doorstep</a>
78602	Cultural	Staplegrove Meatworks, 50 Berkleys Rd, Flynn	Bushfire		Oldest & largest known bark building in Australia. Rare surviving example of the vernacular structures using local materials built by the pioneers & demonstrates early woodworking and construction techniques.										Victorian Heritage Register <a href="#">Staplegrove Meat Works (Heritage Listed Location) : On My Doorstep</a>
78603	Cultural	Former Cowwarr Butter Factory, Main Street & 2730 Traralgon-Maffra Rd, Cowwarr	Bushfire		Located approx. 400m West of township surrounded by grassland. Same as Cowwarr Township	Medium		Same as Cowwarr Township Currently an Art Gallery	Unlikely	Moderate	Medium	N			Victorian Heritage Register <a href="#">Former Cowwarr Butter Factory (Heritage Listed Location) : On My Doorstep</a>
78604	Cultural	Criterion Hotel, Macalister St, Sale	Bushfire		Same as Sale Township	Low		Same as Sale Township	Unlikely	Minor	Low	N			Victorian Heritage Register
78605	Cultural	Sale Court House, Foster St, Sale	Bushfire		Same as Sale Township	Low		Same as Sale Township	Unlikely	Minor	Low	N			Victorian Heritage Register
78606	Cultural	Grassdale Homestead, Grassdale Road off Maffra-Sale Rd), Sale	Bushfire												Victorian Heritage Register <a href="#">Grassdale (Heritage Listed Location) : On My Doorstep</a>



VFR Asset ID	Asset Type	Description	Risk Category	Likely Scenario is based on the McArthur Forest Fire Danger Indices (FFDI) rating of 100 (refer page 58)	Risk Rating	A number of generic treatments exist which are applied across the state or municipality, and as such are not listed against each asset listed below but are listed in Part 5 of the MFMP.	Likelihood	Consequence	Residual Risk	Other Treatment Required Y/N	Treatment Recommendations	Treatment Priority	Detail/Comments
78607	Cultural	Fulham Park, 413 Myrtlebank-Fulham Rd Fulham	Bushfire	Surrounded by grassed pasture			Unlikely	Minor	Low				Victorian Heritage Register <a href="#">Fulham Park (Heritage Listed Location) : On My Doorstep</a>
78608	Cultural	Swing Bridge over Latrobe River, South Gippsland Hwy Sale	Bushfire										Victorian Heritage Register <a href="#">Swing Bridge (Heritage Listed Location) : On My Doorstep</a>
78609	Cultural	Strathfieldsaye 324 Strathfieldsaye Road Perry Bridge	Bushfire										Victorian Heritage Register Early homestead and associated outbuildings <a href="#">Strathfieldsaye (Heritage Listed Location) : On My Doorstep</a>
78610	Cultural	Mechanics Institute and Collection 9-11 Avon Street Briarolong	Bushfire	Same as Briarolong township	High	Same as Briarolong township	Possible	Moderate	Medium	N			Victorian Heritage Register <a href="#">Mechanics Institute And Collection (Heritage Listed Location) : On My Doorstep</a>
78611	Cultural	Morning Star Gold Battery Site, Heyfield	Bushfire	Direct fire impact from forest, all around, including ember attack.									Victorian Heritage Register <a href="#">Morning Star Gold Battery Site (Heritage Listed Location) : On My Doorstep</a>
78612	Cultural	Vallejo Gantner Hut, Mount Howitt Track Howitt Plains Alpine NP	Bushfire	Direct fire impact from forest, all around, including ember attack.									Victorian Heritage Register <a href="#">Vallejo Gantner Hut (Heritage Listed Location) : On My Doorstep</a> 1970s "A" frame architect-designed hut
78613	Cultural	Good Hope Quartz Gold Mining Precinct, Mcmillan Track, Grant Historic Area Wong Ungarra	Bushfire	Direct fire impact from forest, all around, including ember attack.									Victorian Heritage Register The remains of two crushing batteries <a href="#">Good Hope Quartz Gold Mining Precinct (Heritage Listed Location) : On My Doorstep</a>
78614	Cultural	Jungle Creek Gold Mining Diversion Sluice, Crooked River	Bushfire	Direct fire impact from forest, all around, including ember attack.									Victorian Heritage Register <a href="#">Jungle Creek Gold Mining Diversion Sluice (Heritage Listed Location) : On My Doorstep</a>
78615	Cultural	Harrisons Cut Gold Diversion Site, on Dargo River, north of junction of Upper Dargo and Matheson tracks.	Bushfire	Direct fire impact from forest, all around, including ember attack.									Victorian Heritage Register <a href="#">Harrisons Cut Gold Diversion Site (Heritage Listed Location) : On My Doorstep</a>
78616	Cultural	Gelliondale Briquette Plant, Cole Mine Rd (off South Gippsland Hwy), Gelliondale	Bushfire	Direct fire impact from grasslands. Ember attack from forest to the west of Cole Mine Rd which runs generally North-South.									Victorian Heritage Register <a href="#">Gelliondale Briquette Plant (Heritage Listed Location) : On My Doorstep</a>

VFR Asset ID	Asset Type	Description	Risk Category	Likely Scenario Likely Scenario is based on the McArthur Forest Fire Danger Indices (FFDI) rating of 100 (refer page 58)	Risk Rating	Existing Treatments A number of generic treatments exist which are applied across the state or municipality, and as such are not listed against each asset listed below but are listed in Part 5 of the MFMP.	Likelihood	Consequence	Residual Risk	Other Treatment Required Y/N	Treatment Recommendations	Treatment Priority	Detail/Comments
78617	Cultural	Port Albert Immigration Depot, Colville St, Port Albert	Bushfire	Same as Tarraville township (check if inside polygon)	Extreme	Same as Tarraville township	Possible	Major	Very High	Y	Same as Tarraville township		Victorian Heritage Register
78618	Cultural	Former Bank of Victoria, Tarraville Rd, Port Albert	Bushfire	Same as Tarraville township (check if inside polygon)	Extreme	Same as Tarraville township	Possible	Major	Very High	Y	Same as Tarraville township		Victorian Heritage Register
78619	Cultural	Former Turnbull Orr and Co Bond Store, Tarraville Rd, Port Albert	Bushfire	Same as Tarraville township (check if inside polygon)	Extreme	Same as Tarraville township	Possible	Major	Very High	Y	Same as Tarraville township		Victorian Heritage Register
78620	Cultural	Woodcot Park, Tannery Rd, Port Albert	Bushfire	Same as Tarraville township (check if inside polygon)	Extreme	Same as Tarraville township	Possible	Major	Very High	Y	Same as Tarraville township		Victorian Heritage Register
78621	Cultural	Christ Church, Tyers St, Tarraville	Bushfire	Same as Tarraville township (check)	High	Same as Tarraville township	Possible	Moderate	Medium	Y	Same as Tarraville township		Victorian Heritage Register
78622	Cultural	Residence, Stawell St, Tarraville	Bushfire	Same as Tarraville township (check)	High	Same as Tarraville township	Possible	Moderate	Medium	Y	Same as Tarraville township		Victorian Heritage Register
78623	Cultural	Hawthorn Bank, Blands Rd, Yarram	Bushfire	Same as Yarram township (check asset is not in interface)	Low	Same as Yarram township	Unlikely	Minor	Low	N			Victorian Heritage Register
78624	Cultural	Yarram Court House, Rodgers St, Yarram	Bushfire	Same as Yarram township (check asset is not in interface)	Low	Same as Yarram township	Unlikely	Minor	Low	N			Victorian Heritage Register
78625	Cultural	Hiawatha A Frame Bridge	Bushfire										Victorian Heritage Register <a href="#">Hiawatha A Frame Bridge (Heritage Listed Location) : On My Doorstep</a>
78626	Cultural	Goodwood Sawmill site	Bushfire	Direct fire impact from forest, all around, including ember attack.									Victorian Heritage Register <a href="#">Goodwood Sawmill Site (Heritage Listed Location) : On My Doorstep</a>
78627	Cultural	Rosedale Hotel, Lyons St, Rosedale	Bushfire	Same as Rosedale Central	Low		Unlikely	Minor	Low	N			Victorian Heritage Register
78628	Cultural	St Mark's Anglican Church, Duke St, Rosedale	Bushfire	Same as Rosedale Central	Low		Unlikely	Minor	Low	N			Victorian Heritage Register



The **Fire Danger Index (FDI)** rating system takes account of four factors: temperature, relative humidity, wind speed and ‘drought factor’.

Traditionally the FDI has used a scale up to 150 for Grassland Fire and 100 fore Forest fire, see charts below:

Fire Danger Rating	Forest FDI	Grassland FDI
Code Red	100 +	150 +
Extreme	75 – 99	100 –149
Severe	50 – 74	50 – 99
Very high	25 - 49	25 - 49
High	12 – 24	12 – 24
Low to Moderate	0 - 11	0 - 11



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## Attachment A-2 Register of Assets at Risk – Structure Fire

Fire agencies respond to numerous residential and other structure fires each year across all areas of the state. Any such fire has the potential for catastrophic impact on individuals, families and the broader community; there is always the potential for life loss and significant economic and social impact. Fire agencies continually strive, along with their partner agencies (including local councils) to minimise the occurrence and impact of such fires, and have in place broad ranging programs and response measures. In addition legislation is in place which aims to reduce the occurrence and impact of structure fires in the community, including planning and building controls. Program information and advice is available from fire agency websites and offices. **These tables therefore do not quantify the risk of human life loss as it is assumed that the potential for life loss is a constant. Instead the consequence table considers economic loss and social disruption in the event of a structure fire.**

Asset Type	BCA Class	Description	Likely Scenario	A number of generic treatments exist which are applied across the state or municipality, and as such are not listed against each asset listed below but are listed in Part 5 of the MFMP Existing Treatments	Likelihood	Consequence	Risk	Treatment Recommendations	Treatment Priority	Detail/Comments
Residential	1a	<b>Private Dwellings</b> (includes house, unit, apartment, relocatable dwelling)	Fire starting within the residence, typically as a result of: <ul style="list-style-type: none"> <li>Naked flames including: <ul style="list-style-type: none"> <li>Candles</li> <li>Oil burners</li> <li>Solid fuel fires/heaters/stoves</li> </ul> </li> <li>Electrical faults including: <ul style="list-style-type: none"> <li>Wiring</li> <li>Clothes dryers</li> <li>Heaters</li> <li>Electric blankets</li> </ul> </li> <li>Human activity including: <ul style="list-style-type: none"> <li>children playing with matches /lighters</li> <li>Smoking</li> <li>Unattended cooking</li> <li>Clothes drying in front of heaters</li> <li>Maintenance activities</li> </ul> </li> </ul>	CFA coverage CFA JFAIP Program Community Education, State/Local Hydrant Maint. where reticulated water supply provided Smoke Alarms Water supply	Almost Certain	Minor	High			Fire agencies/LGA continues to support legislative change to improve building standards that mitigate against loss of life/serious injury.
	10a	<b>Garages/Sheds</b>	Fire starting within Garage/Carport/Shed (With potential to spread to dwelling) typically as a result of: <ul style="list-style-type: none"> <li>Human Activity including: <ul style="list-style-type: none"> <li>Equipment use</li> <li>Welding</li> <li>BBQ</li> <li>Heater</li> <li>Storage and use of flammable liquids</li> <li>Smoking</li> <li>Maintenance activities</li> </ul> </li> <li>Oily rags, spontaneous combustion</li> <li>Vehicle fires</li> </ul>							
Residential	1a	<b>Private Dwellings in old housing stock-</b>	As above, and Old electrical wiring Renovation works Poor workmanship Weatherboard cladding Wood fired heating & cooking	As above	Almost Certain	Minor	High	Targeted education/information to Real Estate/Landlords and tenants.		
	10a	<b>Garages/Sheds</b>								

Asset Type	BCA Class	Description	Likely Scenario	Existing Treatments	Likelihood	Consequence	Risk	Treatment Recommendations	Treatment Priority	Detail/Comments
Residential	1a 10a	<b>Large multi-tenancy housing developments:</b>	As private dwellings plus: Potential for increased Complexity of access, difficult containment, increased response levels	As above	Almost Certain	Minor	High	CFA Pre Incident Plans		
Residential	3d	<b>Special Needs houses e.g. DHS &amp; other NGO providers:</b>  List of special needs housing location/occupancy Maint. With Shire Council?	As private dwellings plus: Clients may have varying perception of danger Client behaviour in response to fire incident may be unexpected. Transient population	As above plus: DHS sites have Fire Response Plans DHS sites have residential sprinkler systems No smoking inside policy Some sites have staff during times of occupation Some sites will have CFA Pre Incident Plans (PIP) Some sites will have smoke alarms monitored by a private company e.g. DHS	Likely	Minor	Medium	Engage with DHS/NGO's to identify and create a Register for these properties.  CFA PIP for all sites  Targeted education/information programs.		
Residential	All	<b>Residential living – Communication difficulties</b>	As private dwellings plus: <b>Non English speaking, literacy difficulties</b>					Develop multi linguistic education program the delivery home fire safety information		
Residential	3f	<b>Prison – Fulham Correctional Facility</b>	Fire starting within the prison, potentially as a result of: <ul style="list-style-type: none"> <li>Electrical faults including: <ul style="list-style-type: none"> <li>Wiring</li> <li>Electrical Plant</li> <li>Faulty equipment, including leads</li> </ul> </li> <li>Storage</li> <li>Human activity including: <ul style="list-style-type: none"> <li>Cooking</li> <li>Laundry</li> <li>Malicious/unapproved activity</li> <li>Riots</li> <li>Hot works in metal workshop</li> <li>Hot works in woodwork workshop</li> <li>Maintenance activities</li> </ul> </li> </ul> <p><b>Complex evacuation due to the number of people and dependent on seriousness of the incident i.e. shelter in place or external evacuation required.</b></p>	CFA coverage and Pre Incident Plans 24/7 staffing, staff training EM (Site) Plan & procedures Fire Safety Inspection (as part of Accreditation) Maintain Essential Service Protected Premise Fire Alarm System Sprinkler System Wayne (check) Test & Tag, electrical equipment Water supply – reticulated Hydrant Maint.	Likely	Minor	Low	CFA to review prison EM Plans and procedures.  EM Exercise		

Asset Type	BCA Class	Description	Likely Scenario	Existing Treatments	Likelihood	Consequence	Risk	Treatment Recommendations	Treatment Priority	Detail/Comments
Residential/ SFP	9a	<b>Hospital:</b>  Sale Hosp. Yarram Hosp.	Fire starting within the hospital, Potentially as a result of: <ul style="list-style-type: none"> <li>Electrical faults including: <ul style="list-style-type: none"> <li>Wiring</li> <li>Electrical Plant</li> <li>Faulty equipment, including leads</li> </ul> </li> <li>Storage and use of gasses</li> <li>Storage and use of chemicals</li> <li>Human activity including: <ul style="list-style-type: none"> <li>Cooking</li> <li>Laundry</li> <li>Malicious/unapproved activity</li> <li>Maintenance activities</li> </ul> </li> </ul> <p><b>Complex evacuation due to mobility and medical issues</b></p>	CFA coverage and Pre Incident Plans 24/7 staffing, staff training EM (Site) Plan & procedures Fire Safety Inspection (as part of Accreditation) Maintain Essential Service Protected Premise Fire Alarm System Sprinkler System (?check) Test & Tag, electrical equipment Water supply – reticulated Hydrant Maint.	Possible	Major	High			
Residential/ SFP	9a	<b>Bush Nursing Hospital:</b>  Maffra Hosp. Heyfield Hosp.	Fire starting within the hospital, Potentially as a result of: <ul style="list-style-type: none"> <li>Electrical faults including: <ul style="list-style-type: none"> <li>Wiring</li> <li>Electrical Plant</li> <li>Faulty equipment, including leads</li> </ul> </li> <li>Storage and use of gasses</li> <li>Storage and use of chemicals</li> <li>Human activity including: <ul style="list-style-type: none"> <li>Cooking</li> <li>Laundry</li> <li>Malicious/unapproved activity</li> <li>Maintenance activities</li> </ul> </li> </ul> <p><b>Complex evacuation due to mobility and medical issues</b></p>	As above	Possible	Moderate	Medium			
Residential/ SFP	9c	<b>Nursing Homes and Aged Care Facilities:</b>	Fire starting within the facility, Potentially as a result of: <ul style="list-style-type: none"> <li>Electrical faults including: <ul style="list-style-type: none"> <li>Wiring</li> <li>Electrical Plant</li> <li>Faulty equipment, including leads</li> </ul> </li> <li>Storage and use of gasses</li> <li>Storage and use of chemicals</li> <li>Human activity including: <ul style="list-style-type: none"> <li>Cooking</li> <li>Laundry</li> <li>Malicious/unapproved activity</li> <li>Maintenance activities</li> </ul> </li> </ul> <p><b>Complex evacuation due to mobility and medical issues</b></p>	CFA coverage and Pre Incident Plans 24/7 staffing, staff training EM (Site) Plan & procedures Fire Alarm System as required by BCA Fire Safety Inspection (as part of Accreditation) Maintain Essential Service Sprinkler System as required by BCA Test & Tag, electrical equipment Water supply – reticulated Hydrant Maint.	Possible	Moderate	Medium			

Asset Type	BCA Class	Description	Likely Scenario	Existing Treatments	Likelihood	Consequence	Risk	Treatment Recommendations	Treatment Priority	Detail/Comments
Residential/ SFP	1a	Aged Care facilities for people capable of independent living.  Life style high density living e.g. over 55's retirement villages	Fire starting within the residence, typically as a result of: <ul style="list-style-type: none"> <li>Naked flames including:               <ul style="list-style-type: none"> <li>Candles</li> <li>Oil burners</li> <li>Open fires</li> </ul> </li> <li>Electrical faults including:               <ul style="list-style-type: none"> <li>Wiring, including leads</li> <li>Overloading of power points</li> <li>Clothes dryers</li> <li>Heaters</li> <li>Electric blankets</li> </ul> </li> <li>Human activity including:               <ul style="list-style-type: none"> <li>Smoking</li> <li>Unattended cooking</li> <li>Clothes drying in front of heaters</li> <li>Maintenance activities</li> </ul> </li> </ul> Potential complexities due to: <ul style="list-style-type: none"> <li>building type/construction and proximity to other dwellings</li> <li>Mobility/health issues of residents</li> <li>Access constraints for fire fighting purposes</li> <li>Unpredictable behaviour</li> </ul>	CFA coverage Smoke Alarms Hydrant Maint. where reticulated water supply provided	Possible	Minor	Low			
Residential/SFP	3c	Schools Accommodation (Yrs. 7 to Yrs. 12)	Fire starting within the facility, Potentially as a result of: <ul style="list-style-type: none"> <li>Electrical faults including:               <ul style="list-style-type: none"> <li>Wiring</li> <li>Electrical Plant</li> <li>Faulty equipment, including leads</li> </ul> </li> <li>Storage and use of chemicals/flammable liquids</li> <li>Human activity including:               <ul style="list-style-type: none"> <li>Cooking</li> <li>Laundry</li> <li>Equipment use</li> <li>Maintenance activities</li> <li>Oily rags, spontaneous combustion</li> <li>Malicious/unapproved activity</li> </ul> </li> </ul>	CFA coverage and Pre Incident Plans 24/7 Staff Protected Premise Fire Alarm System as required by BCA EM (Site) Plan & procedures Maintain Essential Service Staff training Water supply Test & Tag, site electrical equipment DEECD EM requirements VRQA EM requirements	Possible	Minor	Low			

Asset Type	BCA Class	Description	Likely Scenario	A number of generic treatments exist which are applied across the state or municipality, and as such are not listed against each asset listed below but are listed in Part 5 of the MFMP Existing Treatments	Likelihood	Consequence	Risk	Treatment Recommendations	Treatment Priority	Detail/Comments
Residential/ SFP	3a	Back Packers Hostels:	Fire starting within the facility, potentially as a result of: <ul style="list-style-type: none"> <li>Electrical faults including: <ul style="list-style-type: none"> <li>Wiring</li> <li>Clothes dryers</li> <li>Heaters</li> <li>Electric blankets</li> <li>Electrical Plant</li> <li>Faulty equipment, including leads</li> </ul> </li> <li>Human activity including: <ul style="list-style-type: none"> <li>Cooking</li> <li>Laundry</li> <li>Maintenance activities</li> <li>Malicious/unapproved activity</li> </ul> </li> </ul>	CFA coverage and Pre Incident Plans EM (Site) Plan & procedures Fire Safety Inspection Maintain Essential Service No smoking policy Protected Premise Fire Alarm System as required by BCA Staffing, staff training Test & Tag, electrical equipment Water supply – reticulate Hydrant Maint.	Possible	Minor	Low	Multi linguistic education program		
Residential/ SFP	N/A 10a	Caravan Parks (including moveable dwelling, tents and other facilities)  Caravan  Adjacent structure e.g. Annexe	Fire starting within the, typically as a result of: <ul style="list-style-type: none"> <li>Naked flames including: <ul style="list-style-type: none"> <li>Candles</li> <li>Oil burners</li> <li>Portable heaters (LPG, Kerosene)</li> </ul> </li> <li>Electrical faults including: <ul style="list-style-type: none"> <li>Wiring/overloaded power boards</li> <li>Clothes dryers</li> <li>Heaters</li> <li>Electric blankets</li> </ul> </li> <li>Human activity including: <ul style="list-style-type: none"> <li>children playing with matches /lighters</li> <li>Smoking</li> <li>Unattended cooking</li> <li>Clothes drying in front of heaters</li> <li>Maintenance activities</li> </ul> </li> <li>Vehicle fires spreading to caravans &amp; structures</li> <li>Camp fires spreading to caravans &amp; structures</li> </ul>	CFA coverage and Pre Incident Plans CFA Caravan Park Fire Safety 2012 guidelines <sup>27</sup> EM (Site) Plan & procedures Hydrant Maint. where reticulated water supply provided Maintain Essential Services Site maintenance Smoke alarms required in annexes Staffing, staff training Test & Tag, park electrical equipment Water supply	Possible	Minor	Low	Smoke alarms made compulsory in caravan (same as for NSW)		

<sup>27</sup> [caravan-park-fire-safety-guideline](#)

Asset Type	BCA Class	Description	Likely Scenario	Existing Treatments	Likelihood	Consequence	Risk	Treatment Recommendations	Treatment Priority	Detail/Comments
Place of Public Assembly	9b	Schools &TAFE	Fire starting within the facility, Potentially as a result of: <ul style="list-style-type: none"> <li>Electrical faults including:               <ul style="list-style-type: none"> <li>Wiring</li> <li>Electrical Plant</li> <li>Faulty equipment, including leads</li> </ul> </li> <li>Storage and use of gasses</li> <li>Storage and use of chemicals/flammable liquids</li> <li>Human activity including:               <ul style="list-style-type: none"> <li>Cooking</li> <li>Laundry</li> <li>Equipment use</li> <li>Welding</li> <li>Spray painting</li> <li>Oily rags, spontaneous combustion</li> <li>Maintenance activities</li> </ul> </li> <li>Malicious/unapproved activity</li> </ul>	CFA coverage and Pre Incident Plans DEECD EM requirements VRQA EM requirements EM (Site) Plan & procedures Maintain Essential Service Staff training Test & Tag, site electrical equipment Water supply	Likely	Moderate	High			
Place of Public Assembly	9b	Early Learning & Child Care Centres  Specialist schools	Fire starting within the facility, Potentially as a result of: <ul style="list-style-type: none"> <li>Electrical faults including:               <ul style="list-style-type: none"> <li>Wiring</li> <li>Electrical Plant</li> <li>Faulty equipment, including leads</li> </ul> </li> <li>Human activity including:               <ul style="list-style-type: none"> <li>Cooking</li> <li>Equipment use</li> <li>Maintenance activities</li> </ul> </li> <li>Malicious/unapproved activity</li> </ul> <p><b>Potential for added complexity due to unpredictable student behaviour</b></p>	CFA coverage and Pre Incident Plans EM (Site) Plan & procedures Maintain Essential Service Staff training Higher staff/student ratios Test & Tag, site electrical equipment Water supply	Possible	Minor	Low			
Place of Public Assembly/SFP		School Camps and accredited DEECD Camps	Fire starting within buildings, Potentially as a result of: <ul style="list-style-type: none"> <li>Electrical faults including:               <ul style="list-style-type: none"> <li>Wiring</li> <li>Electrical Plant</li> <li>Faulty equipment, including leads</li> </ul> </li> <li>Human activity including:               <ul style="list-style-type: none"> <li>Cooking</li> <li>Laundry</li> <li>Equipment use</li> <li>Maintenance activities</li> <li>BBQ use adjacent to flammable structures</li> </ul> </li> <li>Malicious/unapproved activity</li> </ul>	CFA coverage and Pre Incident Plans EM (Site) Plan, procedures, Evac Exercises Maintain Essential Service Staff training Water supply Test & Tag, site electrical equipment	Possible	Minor	Low			



Asset Type	BCA Class	Description	Likely Scenario	Existing Treatments	Likelihood	Consequence	Risk	Treatment Recommendations	Treatment Priority	Detail/Comments
Place of Public Assembly/SFP		<b>Church Camps, Scout Camps, Non-accredited Camps</b>	Fire starting within buildings, Potentially as a result of: <ul style="list-style-type: none"> <li>Electrical faults including: <ul style="list-style-type: none"> <li>Wiring</li> <li>Electrical Plant</li> <li>Faulty equipment, including leads</li> </ul> </li> <li>Human activity including: <ul style="list-style-type: none"> <li>Cooking</li> <li>Laundry</li> <li>Equipment use</li> <li>BBQ use adjacent to flammable structures</li> <li>Maintenance activities</li> </ul> </li> <li>Malicious/unapproved activity</li> </ul>	CFA coverage and Pre Incident Plans Water supply (further investigation required)	Possible	Minor	Low	Identify and Register		
Residential/ SFP	6a 6b	<b>Hotels, Motels, Resorts with accommodation</b>	Fire starting within the facility, potentially as a result of: <ul style="list-style-type: none"> <li>Electrical faults including: <ul style="list-style-type: none"> <li>Wiring</li> <li>Clothes dryers</li> <li>Heaters</li> <li>Electric blankets</li> <li>Electrical Plant</li> <li>Faulty equipment, including leads</li> </ul> </li> <li>Human activity including: <ul style="list-style-type: none"> <li>Cooking</li> <li>Laundry</li> <li>Use of decorations/props</li> <li>Maintenance activities</li> <li>Malicious/unapproved activity</li> </ul> </li> </ul>	CFA coverage and Pre Incident Plans 24/7 staffing, staff training EM (Site) Plan & procedures Fire Alarm System as required by BCA Industry guidelines Maintain Essential Service Sprinkler System as required by BCA Test & Tag, site electrical equipment Water supply	Likely	Minor	Medium			
Places of Public Assembly	9b	<b>Entertainment Venues:</b> Hotels & night clubs, theatres, cinemas, halls, churches, social & sporting clubs, surf clubs, fishing clubs, library, race courses, etc.	Fire starting within the facility, potentially as a result of: <ul style="list-style-type: none"> <li>Electrical faults including: <ul style="list-style-type: none"> <li>Wiring</li> <li>Clothes dryers</li> <li>Heaters</li> <li>Electrical Plant</li> <li>Faulty equipment, including leads</li> </ul> </li> <li>Human activity including: <ul style="list-style-type: none"> <li>Cooking</li> <li>Laundry</li> <li>Use of decorations/props</li> <li>Maintenance activities</li> <li>Malicious/unapproved activity</li> </ul> </li> </ul>	CFA coverage Fire Alarm System as required by BCA Industry guidelines Maintain Essential Service Sprinkler System as required by BCA Staff training Water supply	Likely	Minor	Medium			EM (Site) Plan & procedures (some, usually commercial sites). Do we know what council requirements are?

Asset Type	BCA Class	Description	Likely Scenario	A number of generic treatments exist which are applied across the state or municipality, and as such are not listed against each asset listed below but are listed in Part 5 of the MFMP	Likelihood	Consequence	Risk	Treatment Recommendations	Treatment Priority	Detail/Comments
Place of Public Assembly	5	<b>Commercial (retail, offices and commercial business)</b> Includes: CBD areas General stores Veterinary Supermarkets Hardware stores Medical Centres  Shopping Centres? Separate out?	<p>Fire starting within the facility, Potentially as a result of:</p> <ul style="list-style-type: none"><li>Electrical faults including:<ul style="list-style-type: none"><li>Wiring</li><li>Electrical Plant</li><li>Faulty equipment, including leads</li></ul></li><li>Storage and use of gasses</li><li>Storage and use of chemicals/flammable liquids</li><li>Human activity including:<ul style="list-style-type: none"><li>Cooking</li><li>Laundry</li><li>Equipment use</li><li>Maintenance activities</li></ul></li><li>Fire starting adjacent to, and spreading to buildings (waste bins)</li><li>Malicious/unapproved activity</li></ul> <p><b>Potential for added complexity where joint commercial /residential use exists</b></p>	<p>CFA coverage</p> <p>EM (Site) Plan &amp; procedures</p> <p>Fire Alarm System as required by BCA</p> <p>Maintain Essential Service</p> <p>Staff training</p> <p>Water supply</p>	Almost Certain	Minor	High			
	5									
	6a									
	8									
	5									
	8									
9a										
Place of Public Assembly	5	<b>Significant commercial assets in isolated communities</b> Includes: General stores Supermarkets Hardware stores Petrol station  Shopping plaza  Common roof space shops	<p>Fire starting within the facility, Potentially as a result of:</p> <ul style="list-style-type: none"><li>Electrical faults including:<ul style="list-style-type: none"><li>Wiring</li><li>Electrical Plant</li><li>Faulty equipment, including leads</li></ul></li><li>Storage and use of gasses</li><li>Storage and use of chemicals/flammable liquids</li><li>Human activity including:<ul style="list-style-type: none"><li>Cooking</li><li>Laundry</li><li>Equipment use</li><li>Maintenance activities</li></ul></li><li>Fire starting adjacent to, and spreading to buildings (waste bins)</li><li>Malicious/unapproved activity</li></ul> <p><b>Potential for added complexity where joint commercial/residential use exists</b></p>	<p>CFA coverage</p> <p>CFA PIPs for larger sites and older building stock</p> <p>EM (Site) Plan &amp; procedures</p> <p>Maintain Essential Service</p> <p>Staff training</p> <p>Water supply</p>	Possible	Major	High			
	6									
	5									
	8									
	6									

Asset Type	BCA Class	Description	Likely Scenario	Existing Treatments	Likelihood	Consequence	Risk	Treatment Recommendations	Treatment Priority	Detail/Comments
Place of Public Assembly	6a	Commercial Restaurants, Café & fast food outlets	Fire starting within the building, potentially as a result of: <ul style="list-style-type: none"> <li>Electrical faults including:               <ul style="list-style-type: none"> <li>Wiring</li> <li>Clothes dryers</li> <li>Heaters</li> <li>Electrical Plant</li> <li>Faulty equipment, including leads</li> </ul> </li> <li>Human activity including:               <ul style="list-style-type: none"> <li>Cooking</li> <li>Laundry</li> <li>Use of decorations/props</li> <li>Maintenance activities</li> </ul> </li> <li>Storage and use of flammable gas and oils</li> <li>Malicious/unapproved activity</li> </ul>	CFA coverage EM (Site) Plan & procedures Enforced No Smoking Maintain Essential Service On site fire extinguishers, fire blankets Staff training Water supply	Almost Certain	Minor	High			
Industrial/ Commercial		General industrial buildings/businesses. i.e.: Motor engineers Vehicle body shops Engineering firms Prefabricated home construction Electricians Furniture manufacturers	Fire starting within the building, Potentially as a result of: <ul style="list-style-type: none"> <li>Electrical faults including:               <ul style="list-style-type: none"> <li>Wiring</li> <li>Electrical Plant</li> <li>Faulty equipment, including leads</li> </ul> </li> <li>Storage and use of gasses</li> <li>Storage and use of chemicals/flammable liquids</li> <li>Human activity including:               <ul style="list-style-type: none"> <li>Equipment use</li> <li>Welding</li> <li>Manufacturing operations</li> <li>Spray painting</li> <li>Oily rags, spontaneous combustion</li> <li>Materials handling</li> <li>Maintenance activities</li> </ul> </li> <li>Malicious/unapproved activity</li> </ul>	CFA coverage EM (Site) Plan & procedures Fire Alarm System as required by BCA Maintain Essential Service Staff training Test & Tag, site electrical equipment (some) Water supply	Likely	Minor	Medium			
		RAAF Base, East Sale	<ul style="list-style-type: none"> <li>As for Private Dwellings and Garages</li> <li>As for Commercial Offices</li> <li>As for Hotels/Motels with Accommodation</li> <li>Aircraft crash</li> <li>Ordnance storage</li> <li>Fuel Storage</li> </ul>	CFA coverage On site Fire Service EM (Site) Plan & procedures Staff training Test & Tag, site electrical equipment Water supply - reticulated	Likely	Minor	Medium			

Asset Type	BCA Class	Description	Likely Scenario	A number of generic treatments exist which are applied across the state or municipality, and as such are not listed against each asset listed below but are listed in Part 5 of the MFMP Existing Treatments	Likelihood	Consequence	Risk	Treatment Recommendations	Treatment Priority	Detail/Comments
		<b>Sawmills/Timber mills:</b>	Fire starting within the building, Potentially as a result of: <ul style="list-style-type: none"> <li>Electrical faults including: <ul style="list-style-type: none"> <li>Wiring</li> <li>Faulty equipment, including leads</li> </ul> </li> <li>Dust explosions</li> <li></li> <li>Human activity including: <ul style="list-style-type: none"> <li>Equipment use</li> <li>Manufacturing operations</li> <li>Oily rags, spontaneous combustion</li> <li>Materials handling</li> <li>Maintenance activities</li> <li>Malicious/unapproved activity</li> </ul> </li> </ul>		Likely	Moderate	High			There has been two recorded fires during the 11 year period 2000/2001 to 2010/2011
		<b>ESSO Longford Gas Plant</b>	Refer to owner	CFA coverage EM (Site) Plan & procedures Staff training Water supply - reticulated  Refer to owner	Possible	Catastrophic	Very High			
		<b>Murray Goulburn Milk Factory, Maffra</b>	Fire starting within the building, Potentially as a result of: <ul style="list-style-type: none"> <li>Electrical faults including: <ul style="list-style-type: none"> <li>Wiring</li> <li>Faulty equipment, including leads</li> </ul> </li> <li>Dust (milk powder) explosions</li> <li></li> <li>Human activity including: <ul style="list-style-type: none"> <li>Equipment use</li> <li>Manufacturing operations</li> <li>Materials handling</li> <li>Maintenance activities</li> <li>Malicious/unapproved activity</li> </ul> </li> </ul> Refer to owner	CFA coverage EM (Site) Plan & procedures Staff training Water supply - reticulated  Refer to owner	Possible	Moderate	Medium			
		<b>Oil Riggis</b>	Refer to RSFMP re jurisdiction, response							
		<b>Wind Generators</b>	Refer to RSFMP							

## Attachment A-3 Register of Assets at Risk – Fire Involving Chemicals

Asset Type	Fires involving chemicals listed in this register relate to chemicals that make fire behaviour more complex, severe or unpredictable. NB: They do not relate to gases or fuels		A number of generic treatments exist which are applied across the state or municipality, and as such are not listed against each asset listed below but are listed in Part 5 of the MFMP		Likelihood	Consequence	Consequence	Treatment Recommendations	Treatment Priority	Detail/Comments
	Description	Likely Scenario	Description							
Industrial/ Commercial	<b>Fires involving stored chemicals, includes large agricultural supply businesses</b>	Structure fire start, chemical involvement adding additional complexity to Incident management	CFA coverage EM (Site) Plans Code of Practice for the Storage and Handling of Dangerous Goods No.27 National Code of Practice for the Placarding of Chemical Stores Agricultural Chemical Users Permit – DELWP  Chemical Safety Self-Assessment Tool – Worksafe	Possible	Moderate	Medium				<p><b><u>Indicative assessment only</u></b></p> <p>Chemicals (agrichemicals) include fuels, solvents, pesticides, herbicides, fungicides, fertilisers and veterinary drugs e.g.</p> <ul style="list-style-type: none"> <li>• Glyphosate</li> <li>• Aluminium/Zinc phosphide – fumigant</li> <li>• Organophosphates</li> <li>• Pyrethroids</li> <li>• Methyl bromide</li> <li>• Sodium Fluoro acetate – ‘1080’ baits</li> <li>• Strychnine</li> <li>• Paraquat, Diquat</li> <li>• Cresol</li> <li>• Alkaline and acid-cleaning agents</li> <li>• Formalin</li> <li>• Nutritional supplements – selenium and copper</li> <li>• Livestock vaccines.</li> </ul> <p>Potential for longer term environmental impact</p>
Industrial/ Commercial	<b>Fires involving sites with large use of refrigerants</b>	Structure fire start, refrigerant involvement adding additional complexity to Incident management		Possible	Moderate	Medium				<p><b><u>Indicative assessment only</u></b></p> <p>Potential for longer term environmental impact</p>
Industrial/ Commercial	<b>Fires involving transportation of chemicals</b>	Vehicle accident/Fir, chemical involvement adding additional complexity to Incident management	CFA coverage Australian Code for the Transport of Dangerous Goods by Road and Rail Composite Warning Placards Emergency Procedure Guide AS 1678 VicRoads Chain of Responsibility inspections/searches	Possible	Moderate	Medium	Potential for longer term environmental impact			<p><b><u>Indicative assessment only</u></b></p>



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Attachment B Multi Agency Workspan

VFR-B Rating	Description	Deliverable Treatment	Detail	Responsible Agency	2013-14	Completed Y/N	Adjustment needed Y/N	2014-15	Completed Y/N	Adjustment needed Y/N	2015-16	Completed Y/N	Adjustment needed Y/N	Comments/Contingency
	Please note regarding treatment 231 Burn Program (FOPs), DELWP: Due to the high number of planned burns conducted in the Shire of Wellington duplicating the DELWP Fire Operations Plan (FOP) list of burns in the table below would be onerous. DELWP already has rigorous reporting requirement to the State Government regarding its FOPs burns. Hence readers should refer to the DELWP Website.													
H	Alberton	100 Community Ed/Engagement, CFA		CFA										
E	Alpine NP - Wellington River Camping Ground, Tamboritha Rd	307 Patrol/Inspection, PV		PV										
E	Balook	106 Community Fire Guard, CFA		CFA										
L	Boisdale	100 Community Ed/Engagement, CFA		CFA										
		207 Fuel Hazard Mngt, WSC	Slashing of WSC reserves and parks in the town boundary	WSC	X	Y		X	Y					To be slashed before each fire season
H/E	Briagolong/Briagolong North	100 Community Ed/Engagement, CFA (brigade)		CFA										
		106 Community Fire Guard, CFA		CFA										
		307 Patrol/Inspection, PV		PV	X			X			X			
		413 Fire Access Roads/Tracks, WSC	Boundary Rd	WSC	X			X			X			Maintained annually
	Briagolong PS, Church St	100 Fire Safe Kids, CFA		CFA										
VH	Carrajung (includes Carrajung South & Carrajung Lower)	100 Community Ed/Engagement, CFA		CFA										
		107 Fire Ready Victoria, CFA		CFA										
E	Coongulla	100 Community Ed/Engagement, CFA		CFA										
		207 Fuel Hazard Mngt, WSC	Slashing of WSC reserves and parks in the town boundary	WSC	X	Y		X	Y		X			To be slashed before each fire season
		307 Patrol/Inspection, PV, VicPol		PV/VicPol	X			X			X			
M	Cowwarr	100 Community Ed/Engagement, CFA		CFA										
		101 Community Ed/Engagement, WSC	Community emergency signage project	WSC	X	Y								
E	Dargo	100 Community Ed/Engagement, CFA		CFA										
		101 Community Ed/Engagement, WSC	Community meeting re NSP/PLR Sep 2014	WSC	X	Y		X	Y					
		307 Patrol/Inspection, PV		PV	X			X			X			

<u>VFRR-B Rating</u>	<u>Description</u>	<u>Deliverable Treatment</u>	<u>Detail</u>	<u>Responsible Agency</u>	2013-14	Completed Y/N	Adjustment needed Y/N	2014-15	Completed Y/N	Adjustment needed Y/N	2015-16	Completed Y/N	Adjustment needed Y/N	<u>Comments/Contingency</u>
	Dargo continued	Emergency Water Supply,												
		NSP, LGA	Annual review/maintain Dargo Hotel decommissioned as NSP. Paddock behind Hotel is new NSP site – Deed of Consent by owners not completed but verbal approval given.	WSC	X	Y		X	N	Y	X			
H	Dargo - Wonnangatta Caravan Park, 7611 Dargo Rd													
		409 Emergency Mngt Plan (Site)	13/14 Attend WSC Caravan Park EM Planning Workshop EHO request copy of EMP when CVP permit/accreditation renewed.	WSC	X	Y		X			X			
E	Upper Dargo													
		307 Patrol/Inspection, PV		PV	X			X			X			
H	Devon North	106 Community Fire Guard, CFA		CFA										
		107 Fire Ready Victoria, CFA		CFA										
		207 Fuel Hazard Mngt, WSC	Slashing of WSC reserves and parks in the town boundary	WSC	X	Y		X	Y		X			To be slashed before each fire season
H	Glenmaggie	100 Community Ed/Engagement, CFA		CFA										
		106 Community Fire Guard, CFA		CFA										
		413 Fire Access Roads/Tracks, WSC	Inspection and maintenance	WSC	X	Y		X	Y		X			To be inspected before each fire season
VH	Lake Glenmaggie Caravan Park 1, 2 and 3, Licola Rd													
		409 Emergency Mngt Plan (Site)	13/14 Attend WSC Caravan Park EM Planning Workshop EHO request copy of EMP when CVP permit/accreditation renewed	WSC	X	Y		X			X			EM Plans to be developed in new SES template
VH	Glenmaggie - Wallaby Rise Caravan Park, 29 Hurley Rd													
		409 Emergency Mngt Plan (Site)	13/14 Attend WSC Caravan Park EM Planning Workshop EHO request copy of EMP when CVP permit/accreditation renewed.	WSC	X	Y		X			X			EM Plans to be developed in new SES template
H	Glenmaggie - Paradise Valley Camping Ground													
		409 Emergency Mngt Plan (Site)	13/14 Attend WSC Caravan Park EM Planning Workshop EHO request copy of EMP when CVP permit/accreditation renewed.	WSC	X	Y		X			X			EM Plans to be developed in new SES template
H	Glenmaggie - Montana Caravan Park, Kelleherns Rd	409 Emergency Mngt Plan (Site)	13/14 Attend WSC Caravan Park EM Planning Workshop EHO request copy of EMP when CVP permit/accreditation renewed.	WSC	X	Y		X			X			EM Plans to be developed in new SES template

<u>VFR-B Rating</u>	<u>Description</u>	<u>Deliverable Treatment</u>	<u>Detail</u>	<u>Responsible Agency</u>	2013-14	Completed Y/N	Adjustment needed Y/N	2014-15	Completed Y/N	Adjustment needed Y/N	2015-16	Completed Y/N	Adjustment needed Y/N	<u>Comments/Contingency</u>
E	Glomar Beach	100 Community Ed/Engagement, CFA		CFA										
		106 Community Fire Guard, CFA		CFA										
		107 Fire Ready Victoria, CFA		CFA										
		207 Fuel Hazard Mngt, WSC	Slashing of WSC reserves and parks in the town boundary	WSC	X	Y		X	Y		X			To be slashed before each fire season
		307 Patrol/Inspection, PV		PV										
E	Golden Beach (includes Paradise Beach)	101 Community Ed/Engagement, WSC	Community Emergency Plan	WSC	X	Y								
		106 Community Fire Guard, CFA		CFA										
		107 Fire Ready Victoria, CFA		CFA										
		Community Emergency Plan	Initial plan produced 2014, plan to be maintained by CEP Committee	Community	X	Y		X	Y		X			Maintained by community
		LGA/CFA water tanks	Water tank kept full during FDP	CFA										
H	Gormandale	100 Community Ed/Engagement, CFA		CFA										
		Emergency Water Supply,												
H	Heyfield	107 Fire Ready Victoria, CFA		CFA										
		209 Routine Maint. of rail line, Utility												
		101 Community Ed/Engagement, WSC	Explore development of a Community Emergency Plan/committee	WSC	X	N		X	Y					Inaugural meeting held Aug 2014
E	Heyfield - Blores Hill Caravan park, Weir Rd													
		409 Emergency Mngt Plan (Site)	13/14 Attend WSC Caravan Park EM Planning Workshop EHO request copy of EMP when CVP permit/accreditation renewed.	WSC	X	Y		X			X			EM Plans to be developed in new SES template
		309 Patrol (Operation Fire Setter), VicPol		VicPol										
E	Hollands Landing	100 Community Ed/Engagement, CFA		CFA										
		101 Community Ed/Engagement, WSC	Community emergency signage project	WSC	X	Y								
		303 Patrol/Inspection, WSC		WSC										
VH	Hollands Landing - Lakeview Caravan Park, 211-219 Hollands Landing Rd,	307 Patrol/Inspection, PV		PV	X			X			X			
		409 Emergency Mngt Plan (Site)	13/14 Attend WSC Caravan Park EM Planning Workshop EHO request copy of EMP when CVP permit/accreditation renewed.	WSC	X	N		X			X			EM Plans to be developed in new SES template

<u>VFR-B Rating</u>	<u>Description</u>	<u>Deliverable Treatment</u>	<u>Detail</u>	<u>Responsible Agency</u>	2013-14	Completed Y/N	Adjustment needed Y/N	2014-15	Completed Y/N	Adjustment needed Y/N	2015-16	Completed Y/N	Adjustment needed Y/N	<u>Comments/Contingency</u>
VH	Jack River - Forest Lodge School Camp, 52 Forest Lodge Rd													
		409 Emergency Mngt Plan (Site)												
E	Langsborough	100 Community Ed/Engagement, CFA		CFA										
		101 Community Engagement, WSC	As part of Jack River Fire Recovery	WSC				X						
		Emergency Water Supply,												
		413 Fire Access Roads/Tracks, WSC	Review											
		420 GIG, CFA		CFA	X	Y								
VH	Licola	100 Community Ed/Engagement, CFA		CFA										
H	Licola - Lions Village School Camp, Jamieson Rd	Emergency Water Supply,												
		409 Emergency Mngt Plan (Site)												
E	Loch Sport	101 Community Ed/Engagement, WSC	Community emergency signage project	WSC	X	Y								
		106 Community Fire Guard, CFA		CFA										
		107 Fire Ready Victoria, CFA		CFA										
		NSP, LGA	Annual review/maintain	WSC	X	Y		X	Y		X			
		204 Crown Land Fuel Reduction - Firebreak, PV		PV										
		207 Fuel Hazard Mngt, WSC	Slashing of WSC reserves and parks in the town boundary	WSC	X	Y		X	Y		X			To be slashed before each fire season
		223 Roadside Veg Mngt - Full width cut from Golden beach turnoff into town, VicRoads	Full width cut from Golden beach turnoff into town, VicRoads	VicRoads	X			X			X			
		307 Patrol/Inspection, PV		PV										
		405 Emergency Water Supply, LGA/CFA	WSC maintains tank, CFA ensure full during Fire season	CFA	X			X			X			
		413 Fire Access Roads/Tracks, WSC	Maintain	PV	X			X						
		411 Emergency Water Supply, DELWP	Maintain	DELWP	X			X			X			
		Community Emergency Plan	Initial plan produced 2014, plan to be maintained by CEP Committee	Community	X	Y		X	Y		X			Maintained by community
		420 GIG, CFA	Maintain	CFA	X	Y								
H	Loch Sport Caravan Park, Charles St													
		409 Emergency Mngt Plan (Site)	13/14 Attend WSC Caravan Park EM Planning Workshop EHO request copy of EMP when CVP permit/accreditation renewed.	WSC	X	Y		X			X			EM Plans to be developed in new SES template

<u>VFR-B Rating</u>	<u>Description</u>	<u>Deliverable Treatment</u>	<u>Detail</u>	<u>Responsible Agency</u>	2013-14	Completed Y/N	Adjustment needed Y/N	2014-15	Completed Y/N	Adjustment needed Y/N	2015-16	Completed Y/N	Adjustment needed Y/N	<u>Comments/Contingency</u>
VH	Loch Sport - 90 Mile Beach Holiday Retreat, Track 10 via Longford/Loch Sport Rd													
		409 Emergency Mngt Plan (Site)	13/14 Attend WSC Caravan Park EM Planning Workshop EHO request copy of EMP when CVP permit/accreditation renewed.	WSC	X	Y		X			X			EM Plans to be developed in new SES template
M	Longford	100 Community Ed/Engagement, CFA		CFA										
		HVP firebreak maint around plantations		HVP										
		107 Fire Ready Victoria, CFA		CFA										
		207 Fuel Hazard Mngt, WSC	Slashing of WSC reserves and parks in the town boundary	WSC	X	Y		X	Y		X			To be slashed before each fire season
		Emergency Water Supply,	Establish ownership											
		416 Fire Access Road/Track, DELWP		DELWP										
H	Longford Kindergarten, Public Hall, Longford	100 Fire Safe Kids, CFA		CFA										
H	Maffra Interface	100 Community Ed/Engagement, CFA		CFA										
		107 Fire Ready Victoria, CFA		CFA										
E	Manns Beach	100 Community Ed/Engagement, CFA		CFA										
		101 Community Ed/Engagement, WSC		WSC										
		107 Fire Ready Victoria, CFA		CFA										
E	McLoughlins Beach	100 Community Ed/Engagement, CFA		CFA										
		101 Community Ed/Engagement, WSC		WSC										
		106 Community Fire Guard, CFA		CFA										
		107 Fire Ready Victoria, CFA		CFA										
		207 Fuel Hazard Mngt, WSC	Slashing of WSC reserves and parks in the town boundary	WSC	X	Y		X	Y		X			To be slashed before each fire season
		307 Patrol/Inspection, PV		PV	X			X			X			

<u>VFR-B Rating</u>	<u>Description</u>	<u>Deliverable Treatment</u>	<u>Detail</u>	<u>Responsible Agency</u>	2013-14	Completed Y/N	Adjustment needed Y/N	2014-15	Completed Y/N	Adjustment needed Y/N	2015-16	Completed Y/N	Adjustment needed Y/N	<u>Comments/Contingency</u>
VH	Munro	100 Community Ed/Engagement, CFA		CFA										
		207 Fuel Hazard Mngt, WSC	Slashing of WSC reserves and parks in the town boundary	WSC	X	Y		X	Y		X			To be slashed before each fire season
		209 Routine Maint. of rail line, Utility												
		Emergency Water Supply,	Establish ownership											
L	Newry	100 Community Ed/Engagement, CFA		CFA										
		101 Community Ed/Engagement, WSC		WSC										
		207 Fuel Hazard Mngt, WSC	Slashing of WSC reserves and parks in the town boundary	WSC	X	Y		X	Y		X			To be slashed before each fire season
E	Paradise Beach - Shoreline Drive Camping Ground, 168 The Boulevard	307 Patrol/Inspection, PV		PV										
E	Port Albert	100 Community Ed/Engagement, CFA		CFA										
		101 Community Engagement, WSC	As part of Jack River Fire Recovery	WSC				X						
		107 Fire Ready Victoria, CFA		CFA										
		207 Fuel Hazard Mngt, WSC	Slashing of WSC reserves and parks in the town boundary	WSC	X	Y		X	Y		X			To be slashed before each fire season
		405 Emergency Water Supply, CFA	Maintain	CFA	X			X			X			
		411 Emergency Water Supply, DELWP	Maintain	DELWP	X			X			X			
		420 GIG, CFA	Maintain	CFA	X			X						
		NSP, LGA	Annual review/maintain	WSC	X	Y		X	Y		X			
VH	Port Albert - Seabank Caravan Park, 95 Old Port Rd													
		409 Emergency Mngt Plan (Site)	13/14 Attend WSC Caravan Park EM Planning Workshop EHO request copy of EMP when CVP permit/accreditation renewed.	WSC	X	N		X						EM Plans to be developed in new SES template
E	Reeves Beach Camping Ground													
		307 Patrol/Inspection, PV		PV	X			X			X			
VH	Robertsons Beach	100 Community Ed/Engagement, CFA		CFA										
		107 Fire Ready Victoria, CFA		CFA										
		Emergency Water Supply,												
H L M	Rosedale Northern Interface/Rosedale Central/Rosedale Southern Interface	107 Fire Ready Victoria, CFA		CFA										
		209 Routine Maint. of rail line, Utility												

<u>VFR-B Rating</u>	<u>Description</u>	<u>Deliverable Treatment</u>	<u>Detail</u>	<u>Responsible Agency</u>	2013-14	Completed Y/N	Adjustment needed Y/N	2014-15	Completed Y/N	Adjustment needed Y/N	2015-16	Completed Y/N	Adjustment needed Y/N	<u>Comments/Contingency</u>
H	Rosedale Caravan Park, Princes Hwy/, Cricket St	409 Emergency Mngt Plan (Site)	13/14 Attend WSC Caravan Park EM Planning Workshop EHO request copy of EMP when CVP permit/accreditation renewed.	WSC	X	Y		X						EM Plans to be developed in new SES template
L/M	Sale/Sale Interface	100 Community Ed/Engagement, CFA		CFA										
		107 Fire Ready Victoria, CFA		CFA										
		209 Routine Maint. of rail line, Utility												
	Sale PS, Macalister St	100 Fire Safe Kids, CFA		CFA										
	McCole Street Children's Centre, McCole St	100 Fire Safe Kids, CFA		CFA										
E	Seaspray	100 Community Ed/Engagement, CFA		CFA										
		101 Community Ed/Engagement, WSC	Community emergency signage project	WSC	X	Y								
		107 Fire Ready Victoria, CFA		CFA										
		207 Fuel Hazard Mngt, WSC	Slashing of WSC reserves and parks in the town boundary	WSC	X	Y		X	Y		X			To be slashed before each fire season
M	Seaspray Caravan Park, 2 Foreshore Rd													
		409 Emergency Mngt Plan (Site)	13/14 Attend WSC Caravan Park EM Planning Workshop EHO request copy of EMP when CVP permit/accreditation renewed.	WSC	X	Y		X			X			EM Plans to be developed in new SES template
VH	Seaton	101 Community Ed/Engagement, WSC	Community emergency signage project	WSC	X	Y								
H	Stratford/Stratford Interface	100 Community Ed/Engagement, CFA		CFA										
		107 Fire Ready Victoria, CFA		CFA										
		207 Fuel Hazard Mngt, WSC	Slashing of WSC reserves and parks in the town boundary	WSC	X	Y		X	Y		X			To be slashed before each fire season
		209 Routine Maint. of rail line, Utility												
	Stratford - Redbank Estate	409 Emergency Mngt Plan	Requires consultation with community											
VH	Tarra Valley	413 Fire Access Roads/Tracks, WSC												
VH	Tarra Valley - Best Friend Holiday Retreat, 1720 Tarra Valley Rd	409 Emergency Mngt Plan (Site)	13/14 Attend WSC Caravan Park EM Planning Workshop EHO request copy of EMP when CVP permit/accreditation renewed.	WSC	X	Y		X			X			EM Plans to be developed in new SES template
		413 Fire Access Roads/Tracks, WSC	Review											



<u>VFRR-B Rating</u>	<u>Description</u>	<u>Deliverable Treatment</u>	<u>Detail</u>	<u>Responsible Agency</u>	2013-14	Completed Y/N	Adjustment needed Y/N	2014-15	Completed Y/N	Adjustment needed Y/N	2015-16	Completed Y/N	Adjustment needed Y/N	<u>Comments/Contingency</u>
H	Tarraville	100 Community Ed/Engagement, CFA		CFA										
		107 Fire Ready Victoria, CFA		CFA										
		405 Emergency Water Supply, CFA	Maintain	CFA	X			X			X			
E	The Honeysuckles	207 Fuel Hazard Mngt, WSC	Slashing of WSC reserves and parks in the town boundary	WSC	X	Y		X	Y		X			To be slashed before each fire season
L	Tinamba	100 Community Ed/Engagement, CFA		CFA										
		207 Fuel Hazard Mngt, WSC	Slashing of WSC reserves and parks in the town boundary	WSC	X	Y		X	Y		X			To be slashed before each fire season
H	Valencia Creek	413 Fire Access Roads/Tracks, WSC	Maintain	DELWP	X			X			X			
	Valencia Creek Caravan Park													
		409 Emergency Mngt Plan (Site)	13/14 Attend WSC Caravan Park EM Planning Workshop EHO request copy of EMP when CVP permit/accreditation renewed.	WSC	X	N		X						EM Plans to be developed in new SES template
E	Woodside	100 Community Ed/Engagement, CFA		CFA										
		101 Community Ed/Engagement, WSC		WSC										
		107 Fire Ready Victoria, CFA		CFA										
		207 Fuel Hazard Mngt, WSC	Slashing of WSC reserves and parks in the town boundary	WSC	X	Y		X	Y		X			To be slashed before each fire season
		Emergency Water Supply,	Establish ownership											
	Woodside PS, Beach Rd	202 Burns Program, CFA/DELWP/PV		CFA/DELWP/PV										
	Woodside Central Caravan Park, Victoria St	409 Emergency Mngt Plan (Site)	13/14 Attend WSC Caravan Park EM Planning Workshop EHO request copy of EMP when CVP permit/accreditation renewed.	WSC	X	N		X			X			EM Plans to be developed in new SES template
E	Woodside Beach	100 Community Ed/Engagement, CFA		CFA										
		106 Community Fire Guard, CFA		CFA										
		207 Fuel Hazard Mngt, WSC	Slashing of WSC reserves and parks in the town boundary	WSC	X	Y		X	Y		X			To be slashed before each fire season
		307 Patrol/Inspection, PV		PV										
		Emergency Water Supply,	Establish ownership											

<u>VFRR-B Rating</u>	<u>Description</u>	<u>Deliverable Treatment</u>	<u>Detail</u>	<u>Responsible Agency</u>	2013-14	Completed Y/N	Adjustment needed Y/N	2014-15	Completed Y/N	Adjustment needed Y/N	2015-16	Completed Y/N	Adjustment needed Y/N	<u>Comments/Contingency</u>
E	Woodside Beach Caravan Park, Woodside Beach Rd Rd													
		409 Emergency Mngt Plan (Site)	13/14 Attend WSC Caravan Park EM Planning Workshop EHO request copy of EMP when CVP permit/accreditation renewed.	WSC	X	Y		X			X			EM Plans to be developed in new SES template
M	Wurruk	100 Community Ed/Engagement, CFA		CFA										
		209 Routine Maint. of rail line, Utility												
L/ VH	Yarram/Yarram Interface	100 Community Ed/Engagement, CFA		CFA										
		101 Community Engagement, WSC	As part of Jack River Fire Recovery	WSC				X						
		107 Fire Ready Victoria, CFA		CFA										
	Softwood Plantations	205 Fuel Hazard Mngt, Other		Land Mngr										
		440 Emergency Water Supply, HVP	Firefighting water supply maintained by HVP in HVP estate	HVP	X			X			X			
		300 Ignition Mngt, HVP	Fire towers, Aerial and ground patrols conducted as fire risk dictates	HVP	X			X			X			
		413 Fire Access Roads/Tracks, WSC	Review											
	Hardwood Plantations	205 Fuel Hazard Mngt, Other		Land Mngr										
		440 Emergency Water Supply, HVP	Firefighting water supply maintained by HVP in HVP estate	HVP	X			X			X			
		300 Ignition Mngt, HVP	Fire towers, Aerial and ground patrols conducted as fire risk dictates	HVP	X			X			X			
		413 Fire Access Roads/Tracks, WSC	Review											
	HVP Gelliondale Nursery	202 Burns Program, CFA/DELWP/PV		CFA/DELWP/PV										
		205 Fuel Hazard Mngt, HVP	Perimeter and internal fire breaks established and maintained annually	HVP	X			X			X			
		300 Ignition Mngt, HVP	Aerial and ground patrols conducted as fire risk dictates	HVP	X			X			X			

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## Attachment C-1 – Hazardous Trees Identification (*Electricity Safety Act 1998*)

### Hazard trees – identification and notification procedures

The *Electricity Safety Act 1998* (Vic) (ES Act) 86 B provides the obligation for municipal councils in:

**86 B Municipal fire prevention plans must specify procedures for the identification of trees that are hazardous to electric lines**

- (a) procedures and criteria for the identification of trees that are likely to fall onto, or come into contact with, an electric line (**hazard trees**); and
- (b) procedures for the notification of responsible persons of trees that are hazard trees in relation to electric lines for which they are responsible.

Under the ES Act, the person responsible for maintaining vegetation and clearance space around power lines is referred to as the 'responsible person'.

The procedures outlined in this section of the MFPP seek to address the requirement detailed above.

Each responsible person should have its own internal procedure regarding the steps that will be taken when it receives notification of a potentially hazardous tree.

### What is a hazard tree?

According to the ES Act, a hazard tree is a tree which 'is likely to fall onto, or come into contact with, an electric line'.

The Electricity Safety (Electric Line Clearance) Regulations 2010 further provide that a responsible person may cut or remove such a tree 'provided that the tree has been assessed by a suitably qualified arborist; and that assessment confirms the likelihood of contact with an electric line having regard to foreseeable local conditions.'

Due to legal requirements which require a clearance space be maintained around an electric line, hazard trees are usually located outside the regulated clearance space. Despite being outside the clearance space, the tree may still have the potential to contact the line due to its size or because of a structural fault or weakness which renders part, or all, of the tree likely to contact or fall onto the line.

### Who is responsible for a hazard tree?

Under the ES Act, the person responsible for maintaining vegetation and clearance space around power lines is referred to as the 'responsible person'. This includes responsibility for keeping the whole or any part of a tree clear of the line.

Under the ES Act, responsibility is allocated between distribution businesses and other owners of electricity infrastructure, land owners and occupiers for clearance of private power lines, public land managers where they are identified as the responsible person such as municipal councils, DELWP and VicRoads.

## Responsible Persons within Wellington Shire Council

There are a number of organisations that have responsibility for line clearance in Wellington Shire Council, including:

- *AusNet Services*
- *Wellington Shire Council*
- *VicRoads*

There is only one electricity distribution business in Wellington Shire Council.

There are three declared areas (as per Section 81 of the ES Act) within the Wellington Shire Council in the settlements of Sale, Maffra and Heyfield, where the responsibility lies with the Shire to identify, assess and remedy any hazardous tree that is situated within the declared area.

## Other relevant information

Responsible persons, other than an 'Occupier' of land, must have an electric line clearance management plan in place for areas for which they have responsibility (*refer Electricity Safety (Electric Line Clearance) Regulations 2010*)

## Procedures and criteria for identifying hazard trees

In the course of everyday duties, potentially hazardous trees may come to the attention of Council staff or volunteer members of the entities with representation on the Municipal Fire Prevention Committee, (**the Committee**), staff of the distribution business(es) or other persons, including members of the public.

There are a range of factors which may indicate that a tree is hazardous. That is, a tree which is likely to fall onto, or otherwise come into contact with an electric line. Some of these factors will be obvious when looking at the tree but many may only be apparent when the tree is assessed by a suitably qualified arborist defined in the regulations as an arborist who has:

- a) the qualification of National Certificate Level IV in Horticulture and Arboriculture, including the "Assess Trees" module, or an equivalent qualification; and
- b) At least 3 years of field experience in assessing trees:

The following criteria may be used to assist in identifying a hazard tree:

- The size of the tree suggests that it is likely to come into contact with the electric line, for example because it appears to be encroaching or growing into the line clearance space.
- There is an excessive lean on the tree, or branches' hanging off the tree and the tree is in proximity to an electric (power) line.
- The size or appearance of the tree suggests it could come into contact with the line including under foreseeable local conditions.
- The Quantitative Tree Risk Assessment used by Wellington Shire Council

If a potentially hazardous tree is identified a responsible person may cut or remove the tree provided that:

- a) The tree has been assessed by a suitably qualified arborist; and
- b) That assessment confirms the likelihood of contact with an electric line having regard to foreseeable local conditions.

The notification procedure outlined below should be followed, where a responsible person becomes aware of a potentially hazardous tree for which they have responsibility. They must follow their own applicable internal procedure and the notification procedure described below does not apply.

### Procedures and criteria for notifying hazard trees

To ensure that information regarding potentially hazardous trees is captured in an efficient manner and, as appropriate, referred to the responsible person for action, the following procedure for the notification of hazardous trees should be followed:

- The organisation with responsibility for the highest percentage of lines within the municipality (**the primary responsible person**) is AusNet Services and therefore the person to whom potentially hazardous trees should be reported if the hazardous tree is identified outside of the declared area.
- The organisation with the responsibility for power line clearance (with respect to their obligations under the ES Act) that fall within the declared area on Council managed land is the Wellington Shire Council
- Where any person becomes aware of, or receives a report of, a potentially hazardous tree within the municipality, this should be referred to AusNet Services in the first instance and Wellington Shire Council if the potential hazard tree is within the township of Sale, Maffra or Heyfield. Where the Committee becomes aware of, or receives a report of, a potentially hazardous tree within the municipality, this must be referred to AusNet Services or Wellington Shire Council.
- Reports of potentially hazardous trees must be provided to either AusNet Services or Wellington Shire Council (for example, if a potential hazard tree is in or outside of a Declared Area) for action as soon as practicable in accordance with their respective management plans. Reports must include, as far as practicable:
  - The name and contact details and any relevant qualifications where known of the person making the report
  - As much detail as possible about the location of the tree including but not limited to: nearest address, GPS coordinates (where known), details of numerical/name plate (referred to as camm or LIS number) on nearest pole, name of nearest road or crossroads, closest landmark, whether tree is on private land or road reserve etc.
  - A description of the tree (including, if known, the genus and species of tree)
  - The primary reasons given for the tree being identified as potentially hazardous e.g. tree is in proximity to an electric line and there is evidence of active failure (tree is lifting out of ground or separation of bifurcated leaders), tree roots have been compromised (through excavation etc.), storm damage (torn limbs etc.), direct impact (vehicle collision etc.) and/or appears to be encroaching into line clearance space.
  - An indication of whether or not urgent action is required.

- AusNet Services or Wellington Shire Council must take all necessary steps to advise the person responsible for the tree that it may be hazardous where they are **not** the responsible person.

### Primary Responsible Person Representative (PRPR)

It is acknowledged that hazardous trees situated on land managed by WSC can be actioned by either WSC or AusNet Services at any time irrespective of the status of the area (declared or non-declared) in response to the urgency of the situation. An urgent situation such as this would be the exception to the norm by which this procedure otherwise details.

For the purpose of this part of the Plan (being executed under normal situation), the primary responsible person for potential hazardous trees within the Declared Area (also applicable to the entire municipality) is as follows:

Agency name	Wellington Shire Council
Position title of contact person	Open Space Arborist
Telephone Number	1300 366 244 (24 Hours)
Email address	enquiries@wellington.vic.gov.au
After Hours Number	0488 900 632

For the purposes of this part of the Plan (being executed under normal situation), the primary responsible person for potential hazardous trees outside of the Declared Area (and AusNet Services's entire network) is as follows:

Agency name	Select Solutions (A division of AusNet Services)
Position title of contact person	Deleted for public display
Telephone Number	Deleted for public display
Email address	Deleted for public display
After Hours Number	13 17 99

### Procedures for Notification of Responsible Persons

Where a potentially hazardous tree has been reported to Wellington Shire Council or AusNet Services, or another responsible person, the procedure outlined below should be followed.

AusNet Services and all responsible persons should put in place mutually agreed arrangements for the manner in which reports of potentially hazardous trees are passed on to responsible persons.



## Flow Chart of the Hazard Tree Process

Wellington  
Shire  
Council  
(WSC)

AusNet  
Services

WSC via customer service desk receives a CAR or internal advise on a potential hazard tree (effecting electrical lines) either within a declared area or not.

AusNet Services receives notification of a potential hazard tree within the WSC Declared Area

Parks Assets Officer to define an adequate name for this type electrical hazard trees within Conquest.

WSC to register CAR a potential electrical hazard tree in Dataworks/Conquest and Parks Assets Officer will allocate the work flow.

AusNet Services receives notification of a potential hazardous tree outside of the Declared area.

Yes

Is the reported potential electrical hazard tree within a declared area?

No

WSC Arborist (PPRR) (or WSC contracted arborist) to inspect, assess and record the tree assessment in line with Quantitative Tree Risk Assessment (QTRA) in Conquest against the trees asset number

WSC assess the potential electrical hazard tree as a electrical hazard tree

WSC assess the potential electrical hazard tree as a 'non' electrical hazard tree

If tree is on private property, the trees responsible person for treatment is to be determined by the *Electrical Safety Act 1998*, Part 8, Division 2, Section 84.

Parks Assets Officer to prepare a letter to go to the complainant advising the tree is the responsibility of AusNet Services, and advising them to contact AusNet Services directly regarding the concerned tree WSC to provide some preliminary advice to AusNet Services to the fact that a tree has been reported on an AusNet Services area and expect a call from the Complainant

Action the appropriate treatment for the identified electrical hazard tree

Action the tree as a 'non action' tree

Parks Assets Officer to mark the tree as complete in Conquest as a 'non WSC tree' in Conquest

Contractor completing the treatment to sign off as the action is completed

Parks Assets Officer to mark the tree as complete in Conquest as a 'non action' in Conquest

Parks Assets Officer to complete the Action as completed in Conquest

Parks Assets Officer to mark the tree as complete in Conquest as a 'non WSC tree' in Conquest

AusNet Services assess, audit, report and treat (if necessary) the potential hazard

## Reporting Timelines

AusNet Services should provide reports to the relevant responsible person as soon as practicable.

In circumstances where:

- the potentially hazardous tree is located within a high bushfire risk area (as per s.80 of the ES Act) and the potentially hazardous tree is reported during the fire danger period declared under the Country Fire Authority Act 1958 (Vic); or
- the report indicates that there is an imminent danger that the tree will contact or fall onto lines as a result of minor environmental changes;

The potentially hazardous tree must be referred to the relevant responsible person for action as soon as possible, and by close of the next business day.

Each responsible person (other than the primary responsible person) must provide AusNet Services with contact details of the person (position title) who reports should be provided. It is the responsibility of each responsible person to ensure that AusNet Services is provided with up-to-date contact details.

## Register

It is recommended that AusNet Services maintain a register in which all notifications are recorded together with the date of receipt of the notification and the date the notification was reported to the responsible person.

It is recommended that responsible persons also maintain a register of notifications received of hazardous trees for which they are the responsible person.

## Primary Responsible Person Consultation

The Committee notes that AusNet Services as the Primary Responsible Person was consulted in relation to the development of these procedures.

## Procedure for WSC and hazard trees in the Declared Area

Please refer to flow chart above.

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Please note the term Hazardous Tree has two meanings. One under the *Electricity Safety Act 1998* and another in relation to DEPI/CFA fire fighter safety on the fire round.

## Attachment C-2 – Community Information Guides - Bushfire

Location	CIG Name	CIG Approved
Dargo	Dargo and Upper Dargo	Nov 2011
Golden Beach	Golden Beach & Paradise Beach	Oct 2011
Loch Sport	Loch Sport	Dec 2010
Paradise Beach	Golden Beach & Paradise Beach	Oct 2011
Upper Dargo	Dargo and Upper Dargo	Nov 2011
The Honeysuckles	The Honeysuckles	Dec 2011

Community Information Guides - Bushfire<sup>28</sup> (formerly known as Township Protection Plans) are a key source of information for the community and an important tool to emphasise the shared responsibility between the community, fire services and local government.

Guides have been developed for a number of communities Statewide that are deemed to be at risk of bushfire or grassfire.

Your Community Information Guide provides important direction and information for communities to assist with planning before, during and after a fire. CFA advises that everyone should have a written Bushfire Survival Plan. For more information and to develop your plan, [attend a community meeting](#) in your area or online, or see the [Fire Ready | Your Bushfire Survival](#)

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<sup>28</sup> [Community Information Guides – Questions & Answers, CFA](#)

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## Attachment C-3 – Neighbourhood Safer Place/ Place of Last Resort during a bushfire

In Wellington Shire the following locations have been certified by CFA and designated by Council as Neighbourhood Safer Places - Places of Last Resort during a bushfire<sup>29</sup>: A register of Statewide Neighbourhood Safer Places – Place of Last Resort during a bushfire can also be found the CFA website<sup>30</sup>.

Township	NSP/PLR Location
Port Albert	Port Albert Boat Ramp Car park and surrounds, Cnr Wharf St (Yarram-Port Albert Rd) & Bay St Port Albert 3971.
Loch Sport	Lions Park, Lake Street opposite Second Street North Loch Sport 3851.

**Neighbourhood Safer Places/Places of Last Resort during a bushfire (NSPs/PLR)** are identified buildings or spaces within the community that may afford some protection from radiant heat, the biggest killer during bushfire. They are a place of last resort in emergencies only; to be used when individual Bushfire Survival Plans fail.

**NSPs/PLR** do not offer guaranteed ultimate safety. Relocating to an **NSP/PLR** also carries a level of risk including death. Please be aware of the following risks associated with **NSPs/PLR**:

- Going to a **NSP/PLR** is an option of last resort when other plans have failed.
- A **NSP/PLR** is not an alternative to planning to either leave early; or stay and actively defend your property.
- They are not inherently "safe" places during a bushfire and will not guarantee your safety.
- Many houses will provide more effective protection than a **NSP/PLR**.
- Travelling to a **NSP/PLR** during a fire is dangerous. Visibility may be poor due to heavy smoke. The roads may be blocked due to traffic congestion, fallen trees, collisions or emergency vehicles.
- There is no guarantee that you will not be injured or killed by fire or radiant heat when travelling to or sheltering at a **NSP/PLR**.
- While emergency services will make every effort to protect people sheltering at a **NSP/PLR**, there is no guarantee that emergency services will be present.
- There will generally be limited parking. Large numbers of vehicles may further compromise what little protection the area affords.

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<sup>29</sup> [NSP Search Page](#)

<sup>30</sup> [Neighbourhood Safer Places - places of last resort, CFA](#)

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## Attachment C-4 – Community Fire Refuges

### Approved Community Fire Refuges<sup>31</sup>

There are no Community Fire Refuges in Wellington Shire.

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<sup>31</sup> [Community Fire Refuges | Emergency Management Victoria](#)



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## **Attachment D – MFMP Community Engagement Plan**

### **Introduction**

The purpose of this document is to outline the communication and engagement activities used in promoting and validating the Municipal Fire Management Plan (MFMP) within the footprint of the municipality of Wellington Shire.

The Community and Stakeholder Engagement Plan (the plan) has been developed to create awareness of the draft Wellington MFMP and to seek input and feedback from the local community and stakeholders at the state, regional and municipal level during 13 November – 13 December 2012.

The feedback and community input will be used to finalise the draft MFMP that currently relates to Bushfire, Structural and Chemical Fire Risk. This process is planned to conclude in February 2013.

When the plan has all the relevant sections completed it will meet Councils legislative obligations under the CFA Act 1958 to prepare and maintain a Municipal Fire Prevention Plan and will be presented to Council for their adoption. Seeking to build on the cooperation and collaboration of the multi-agency approach used in the development of the MFMP, this plan incorporates engagement activities using local networks and events to maximise the reach out to the community and maximise the level of feedback.

All member agencies of the Wellington Municipal Fire Management Planning Committee (MFMPCC) and CFA volunteer brigades are committed to playing an active part during the engagement phase and sharing the agreed approach outlined in the plan.

### **Communications**

The success of the MFMP implementation will be dependent on effective communications. The objectives of the communication of the MFMP will be to achieve:

- Consult with communities, so local knowledge is captured;
- Identify and provide meaningful engagement opportunities for community and stakeholders to understand and provide informed feedback;
- Provide clear, timely and relevant information to the community and stakeholders about the MFMP;
- A collaborative approach to integrated fire management planning;
- Identify internal communication flows within organisations;
- Ensure communications across agencies is effective;
- Understand the issues and responsibilities of all agencies to deliver a consistent one voice to the community;
- Build resilient relationships and sound networks between key stakeholders; and
- Identify communications opportunities within already existing networks into the community.

## Ownership

To achieve true ownership of the plan the community must be engaged and interacted with at the grass roots level and all agencies involved must be represented at the one venue and time. This plan must be owned by the community for it to be implemented and accepted. A strong emphasis needs to be to the community to plan for themselves, individuals are ultimately responsible for the own fire management planning, preparation, response and recovery.

Community engagement and consultation is the key to the successful implementation of the MFMP.

## Key Messages

- Working together to manage fire in communities and the environment using a collaborative approach.
- Ensuring a consistent, sustainable and integrated approach to fire management planning across Victoria.
- Reducing the impact of bushfire, structure and chemical fire across Victoria, while recognizing the positive use of fire for ecological and cultural use.
- Planning together to manage before, during and after fire events in a joint community and whole of government approach.

## Key Engagement Questions

The key questions for stakeholders and communities are:

- Your local knowledge is important to us – have we missed anything in your area?
- How can we help you better prepare for bushfire?
- Identify any assets, properties or community resources that you believe should be included.
- What treatments or works would you propose for your township in the Multi Agency Work Plan? (for example Fire Ready Victoria meetings, slashing, burning, Community Fire Guard)
- Have you received sufficient information on bush fire planning by fire agencies so that you are aware of what is happening within Wellington? Yes/No
- Do you know where to access sufficient information to plan for you and your family to be bushfire ready? Yes/No
- Has the information you received been easy to understand? Yes/No

## Risk Assessment

A risk assessment should be carried out prior to engaging with the community and stakeholders to detail the potential risks associated with the engagement process. This assessment will identify the likelihood and consequences prior to determining the overall risk rating. This will include mitigating and management methods proposed to minimize the likelihood of the risk occurring.

There is inherent risk in undertaking stakeholder and community engagement process, particularly when exploring the sensitive issue of bushfire planning and preparedness.

See Appendix on Page 96.

## Appendix A to Attachment D

### Engagement Opportunities

The Municipal Fire Management Planning Committee plans to launch the draft MFMP in October 2012, and a link will be provided on the website directing them to the MFMP and to provide feedback.

Agency/Organisation	Engagement method		Responsible/ attending	Completion date
Secondary Stakeholders	Email copy of MFMP for review and comments			
Wellington Shire Councillors	Notification to councillors to review MFMP and provide feedback/comments			
Media launch	Gippsland Times Yarram Standard Gippsland Farmer Latrobe Valley Express			
Mobile Library	Copies of the MFMP to be available on the Mobile Library, with a feedback form and reply paid envelopes to be located on the Mobile Library			
Community Group/Service Clubs newsletters	Article to be published in all community group/service club newsletters with hyperlink to plan on municipal website or phone number for those residents that require a hardcopy Community Representative Groups Landcare Networks Parks and Reserve Committees Neighbourhood House			
	Neighbourhood Houses: Briagolong Dargo Golden Beach Gormandale Heyfield Loch Sport Maffra Rosedale Sale Wurruk Yarram			

Agency/Organisation	Engagement method	Responsible/ attending	Completion date
CFA Volunteer Brigades	Fire Management Plan made available for comment to all brigades within Wellington Shire Council and CFA brigade representatives at the MF MPC		
	<div> <div>Alberton West Carrajung Devon North Jack River Port Albert Won Wron Woodside Woranga</div> <div>Boisdale Coongulla Maffra Newry Tinamba Valencia Creel</div> </div>		
	<div> <div>Briagolong Clydebank Dargo Meerlieu Munro Perry Bridge Stratford</div> <div>Giffard West Golden Beach Loch Sport Longford Seaspray Stradbroke Willung</div> </div>		
	<div> <div>Cowwarr Glenmaggie Heyfield Licola Seaton Winnindoo</div> <div>Nambrok Rosedale</div> </div>		
	<div> <div>Sale</div> <div>Willung South</div> </div>		
	Yarram		
Communities with Community Emergency Plan or Community Emergency Preparedness Plans	Yarram, Gormandale Balook and District communities Tinamba Lake Glenmaggie/Coongulla Newry		
Tourism/Destination Gippsland	organise link to plan on the website		
Towns with Community Information Guides (formally CIG's) Neighbourhood safer places (NSP –PLR)	<p>CIG</p> <ul style="list-style-type: none"> <li>• Dargo &amp; Dargo upper</li> <li>• Golden Beach &amp; Paradise Beach</li> <li>• The Honeysuckles</li> <li>• Loch Sport</li> </ul> <p>NSP – PLS</p> <ul style="list-style-type: none"> <li>• Dargo – Dargo Hotel – Cnr Lind Ave (Dargo Road) and Omeo Rd</li> <li>• Loch Sport – Lion Park – Lake St opposite Second St North Loch Sport</li> <li>• Port Albert – Port Albert Boat Ramp Car Park &amp; surrounds – Cnr Wharf St (Yarram – Port Albert Road) &amp; Bay St</li> </ul>		

In general, copies to be made available at DELWP offices in Gippsland, Victoria Police stations in Wellington Shire, CFA Sale office.

### Engagement Negotiable and Non-Negotiable

To ensure a clear understanding of the MFMP and what changes or additions can be made the same negotiable and non-negotiable rules will apply to stakeholders and the community

Negotiable	Non-negotiable
Additions to asset risk register	Heritage listed buildings and area's
Implementation of selected treatment options	Risk assessment standards and processes
Preferences for how we communicate and engage with stakeholders and the community	Comply with government policy and legislation
Confirmation and validation of localized information featured in MFMP and sub plans (i.e. CIG)	Endorsed by all agencies
	Alignment to government position on fire safety initiatives
	Agency commitment
	Evaluation and periodical review

### Evaluation

An evaluation process will be conducted during and after the stakeholder/community consultation process to evaluate the information given and received. This process will give a guide to further engagement and the processes required and needed to engage effectively with the municipality

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## Engagement Risk Assessment Template

Risk No:	Description	Owner	Consequence 5 = Catastrophic 4 = Major 3 = Moderate 2 = Minor 1 = Insignificant	Likelihood 5 = Almost certain 4 = Likely 3 = Possible 2 = Unlikely 1 = Rare	Priority Consequence + Likelihood Score 8 – 10 High Score 7 Significant Score 6 Moderate Score 2 – 5 Low	Mitigating Activity
1	No one attending workshop/consultation		4	3	Significant	Workshop to be promoted extensively in local area using all media avenues
2	TFB/ Extreme day when meeting/ consultation organised		4	3	Significant	Alternative arrangements and dates to be set
3	Other event or activity planned in the area		2	3	Low	Check community calendar/CFA website to prevent clash of dates
4	Community consultation fatigue		4	4	High	Ensure that communities are not engaged multiple times on multiple occasions on similar issues
5	Unable to attract the right participants at the community information sessions		4	4	Significant	Conduct broad advertisement of sessions with directed personal invites to key community members
6	Community members who monopolies 'hijack' the information session		4	4	High	Take note of concerns and arrange another appropriate setting for the issue to be discussed outside of the engagement program



Risk No:	Description	Owner	Consequence 5 = Catastrophic 4 = Major 3 = Moderate 2 = Minor 1 = Insignificant	Likelihood 5 = Almost certain 4 = Likely 3 = Possible 2 = Unlikely 1 = Rare	Priority Consequence + Likelihood Score 8 – 10 High Score 7 Significant Score 6 Moderate Score 2 – 5 Low	Mitigating Activity
7	Lack of understanding as to why MFMP is relevant		4	3	Significant	Engagement program should have all agency represented
8	Confusion regarding who is responsible for the plan – who will follow up my concerns/comments		2	5	Significant	Engagement program should have all agency represented
9	Community members raising issues outside the scope/relevance to MFMP		2	4	Moderate	Take note of concerns and arrange another appropriate setting for the issue to be discussed outside of the engagement program

## Appendix 1 to Attachment D – Stakeholder Engagement Matrix

Primary Stakeholder (MFMPC/MEMPC) Agency/Organisation	Level of Engagement and Communications							
	Attend MFMPC Meetings	Receive Minutes Via Email	Received Draft MFMP	MFMP				
				Empowered	Collaborate	Involve	Consult	Inform
Country Fire Authority	Yes	Yes	Yes	Yes				
Department of Sustainability & Environment	Yes	Yes	Yes	Yes				
Parks Victoria	Yes	Yes	Yes	Yes				
VicRoads	Yes	Yes	Yes	Yes				
Victoria Police	Yes	Yes	Yes	Yes				
Wellington Shire Council	Yes	Yes	Yes	Yes				
Ambulance Victoria	As required	No	Through MEMPC		Yes			
Australian Red Cross - Victoria	As required	No	Through MEMPC		Yes			
Department of Education and Early Childhood Development	As required	No	Through MEMPC		Yes			
Department of Human Services	As required	No	Through MEMPC		Yes			
Department of Primary Industry	As required	No	Through MEMPC		Yes			
Gippsland Ports	As required	No	Through MEMPC		Yes			
Gippsland Water	As required	No	Through MEMPC		Yes			
Southern Rural Water	As required	No	Through MEMPC		Yes			
AusNet Services	As required	No	Through MEMPC		Yes			
Victorian State Emergency Service	As required	No	Through MEMPC		Yes			

Secondary Stakeholder Agency/Organisation	Level of Engagement and Communications							
	Attend MFMPC Meetings	Receive Minutes Via Email	Received Draft MFMP					
				Empowered	Collaborate	Involve	Consult	Inform
ABC Radio Sale	No	No	Yes					
East Gippsland Shire	No	No	Yes					
Hancock Victoria Plantation	As required	Yes	Yes					
Health Services	No	No	Yes					
Human Settlements listed on the Register of assets at Risk of Bushfire	No	No						
Latrobe City	No	No	Yes					
Mirridong Disability Services	No	No	Yes					
Esso Longford Gas Plant	No	No	Yes					
RAAF East Sale	No	No	Yes					
West Sale Airfield	No	No	Yes					
South Gippsland Shire	No	No	Yes					

Tertiary Stakeholder Agency/Organisation	Level of Engagement and Communications							
	Attend MFMPC Meetings	Receive Minutes Via Email	Receive notification in local media?? to view Draft MFMP on WSC Website					
				Empowered	Collaborate	Involve	Consult	Inform
B&B’s	No	No	Yes					Yes
Caravan & Tourist Parks	No	No	Yes					Yes
Hostels	No	No	Yes					Yes
Hotels	No	No	Yes					Yes
Motels	No	No	Yes					Yes
Timber Mills	No	No	Yes					Yes
Independent Schools	No	No	Yes					
Nursing Homes, Aged Care	No	No	Yes					

## Attachment E – Maps

Map No.	Map Title	Map Owner
1.	Bushfire Prone Areas, Wellington	DPCD
2.	Wellington MFPP Fuel Break Network	Wellington Shire Council
3.	Human Settlement (At Risk of Bushfire)	CFA VFRR-B
4.	Economic (Assets at Risk Bushfire)	CFA VFRR-B
5.	Cultural (Assets at Risk of Bushfire)	CFA VFRR-B
6.	Victorian Road Bushfire Risk Assessment Wellington	CFA VFRR-B/VicRoads

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1.1.1 Map 1 – Bushfire Prone Areas, Wellington

**Bushfire Prone Areas**

Specific bushfire construction standards apply in designated bushfire prone areas in Victoria. These bushfire construction requirements are aimed at improving bushfire protection for residential buildings. The creation of the designated bushfire prone areas fulfils one of the 67 recommendations made by the Victorian Bushfires Royal Commission.

**New designated bushfire prone areas came into effect on 8 September 2011.**

**What are bushfire prone areas?**

Bushfire prone areas are areas that are subject to or likely to be subject to bushfires.

**Bushfire Prone Areas Interactive Map**

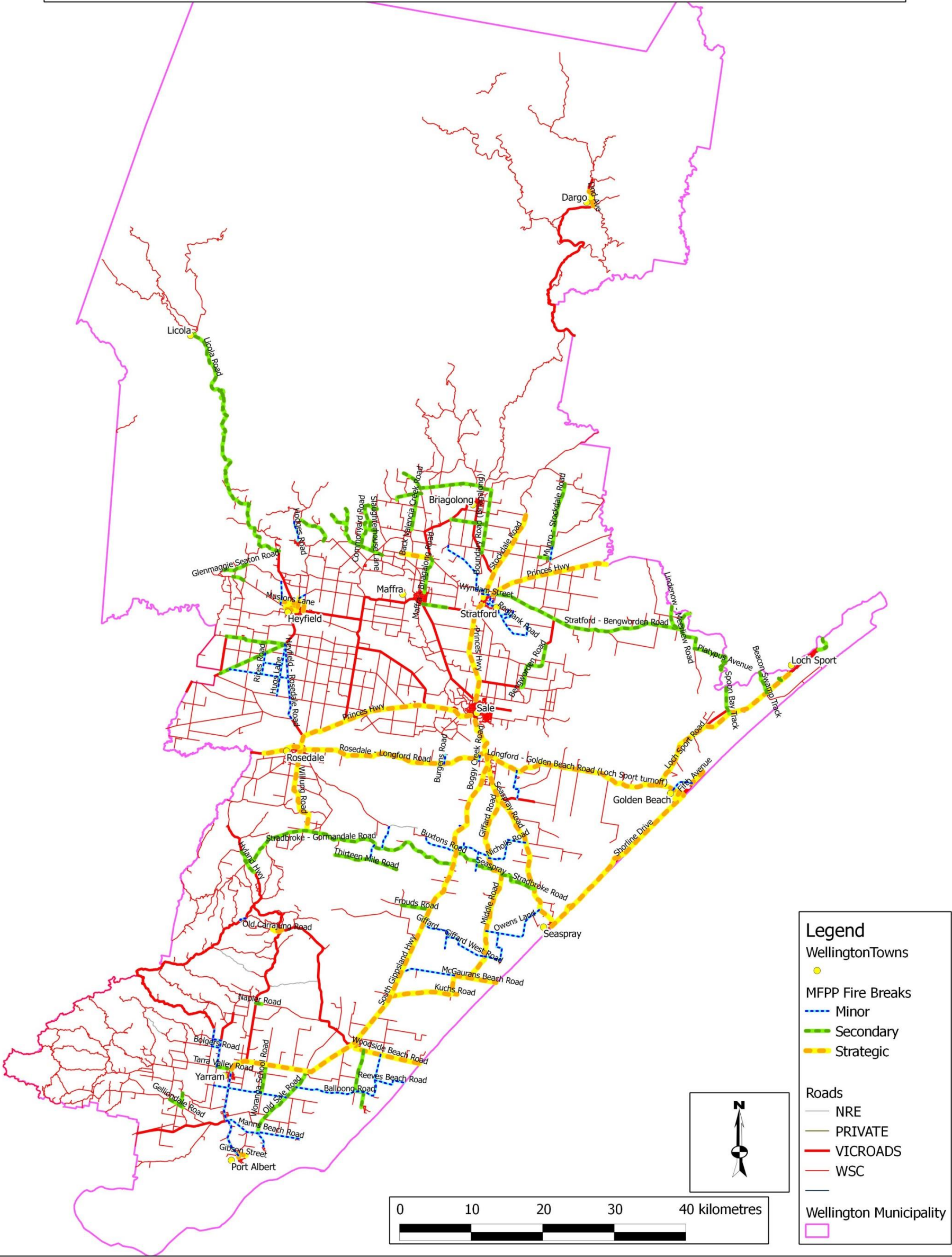
The location of designated bushfire prone areas in Victoria may be viewed on the State Governments “Land” website which is a free interactive map service, Link: [Designated Bushfire Prone Area Maps Introduction](#)

This service allows you to:

- navigate to an area of interest by using simple navigation tools
- enter address or location details to find a specific area of land
- obtain a Bushfire Prone Areas Report
- produce a custom map or print for later viewing

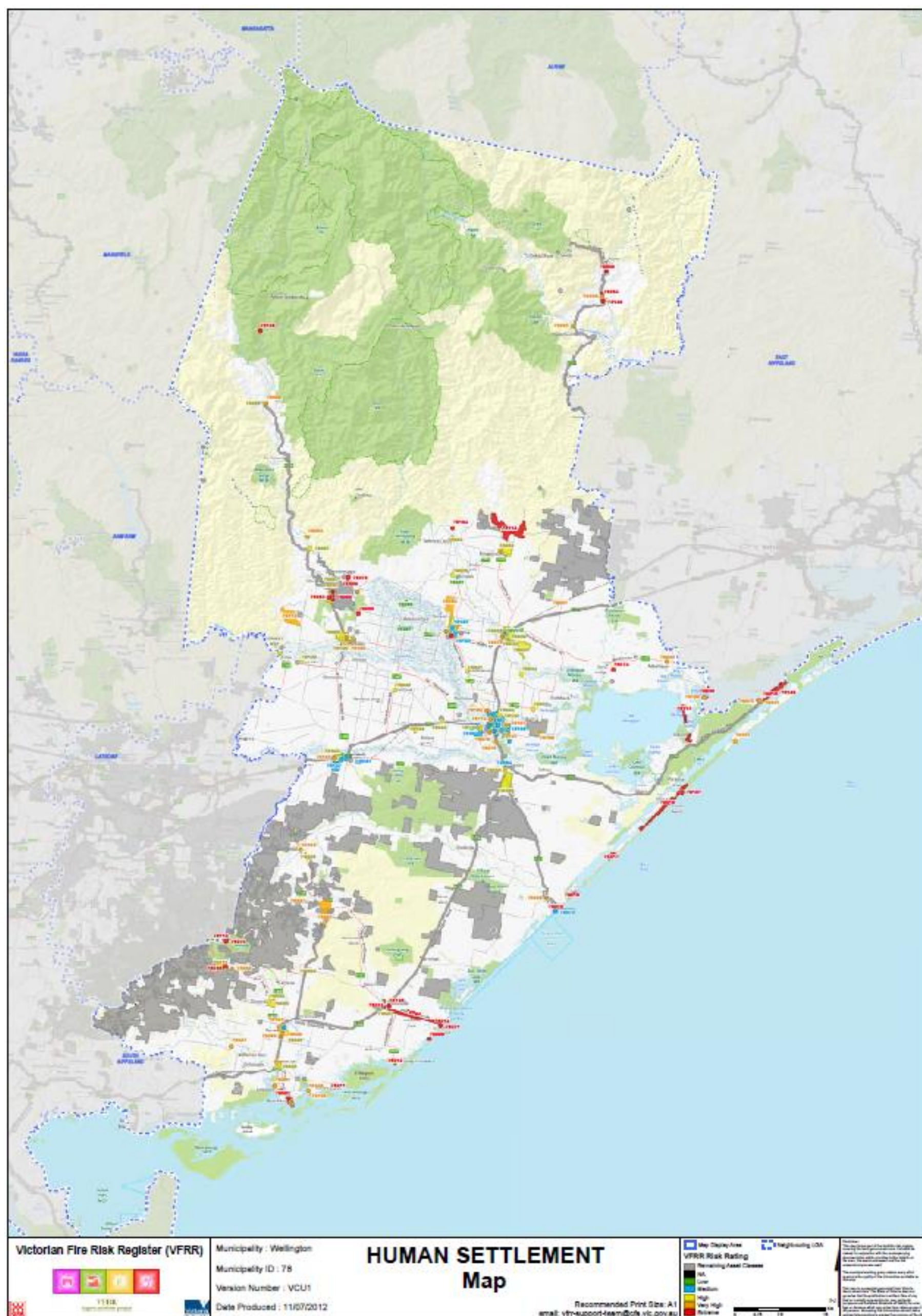


Wellington Municipal Fire Management Plan  
Firebreak network as per the  
2009 Municipal Fire Prevention Plan



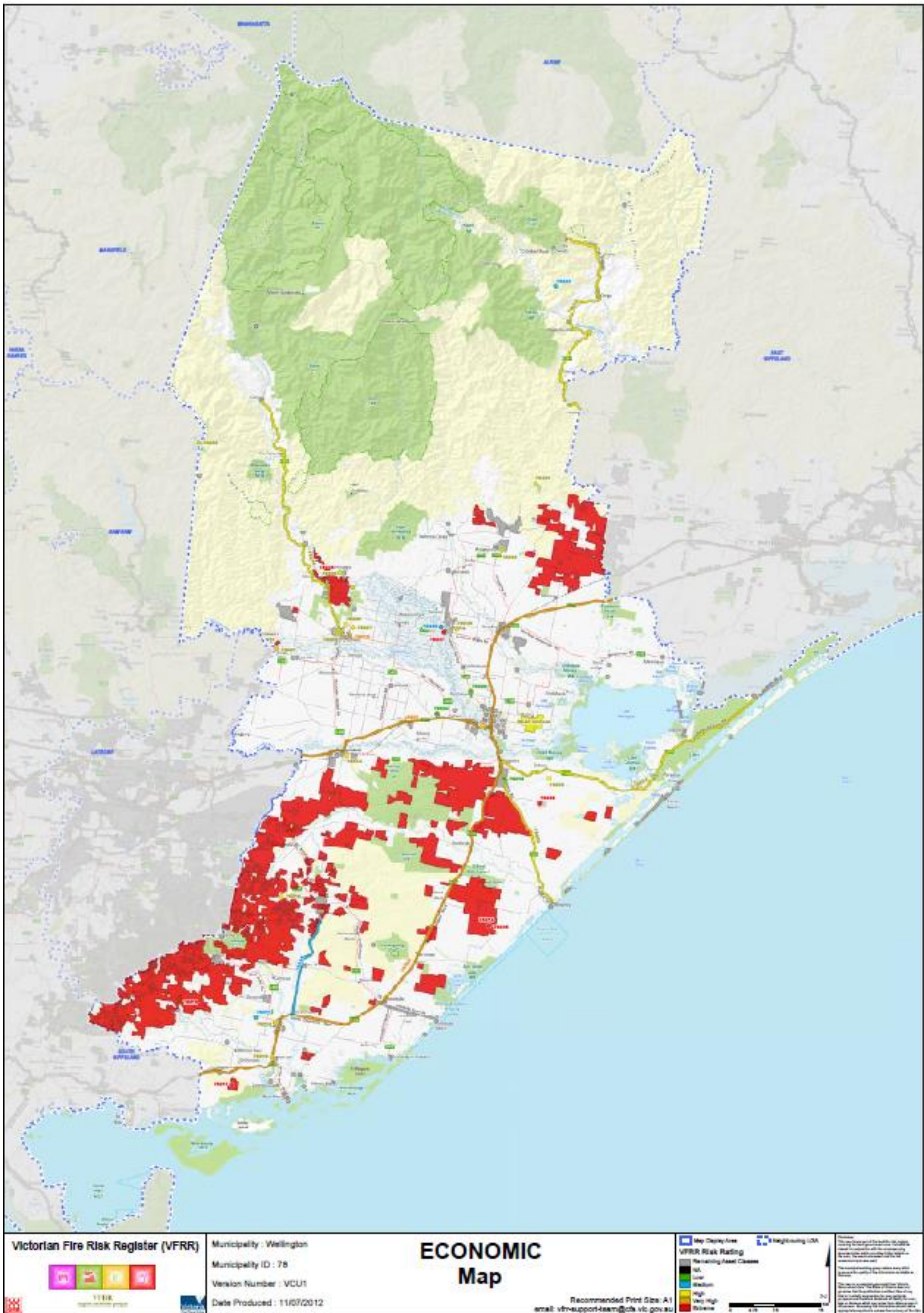


### Map 3 – Human Settlement (At Risk of Bushfire)



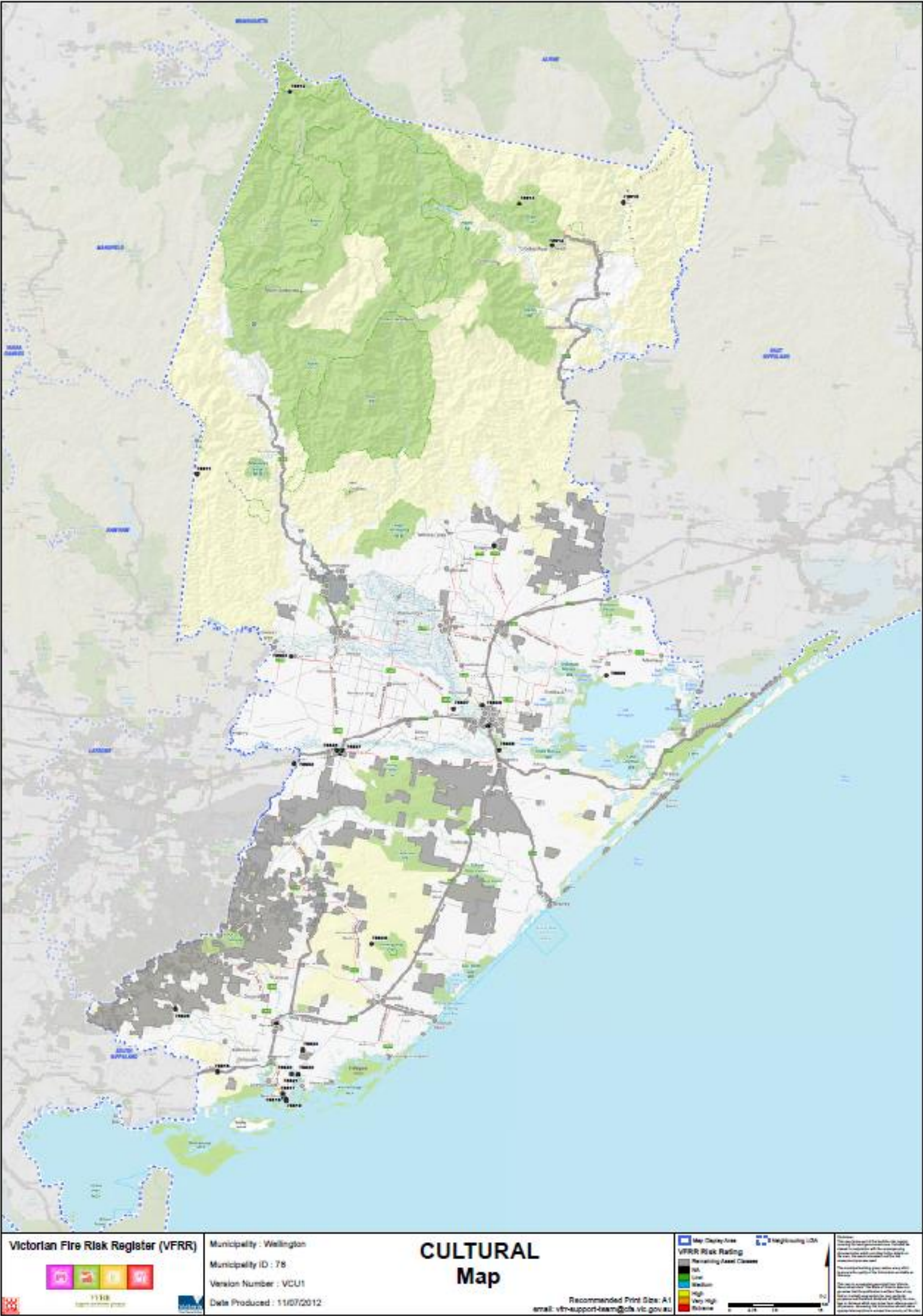


Map 4 – Economic (Assets at Risk Bushfire)



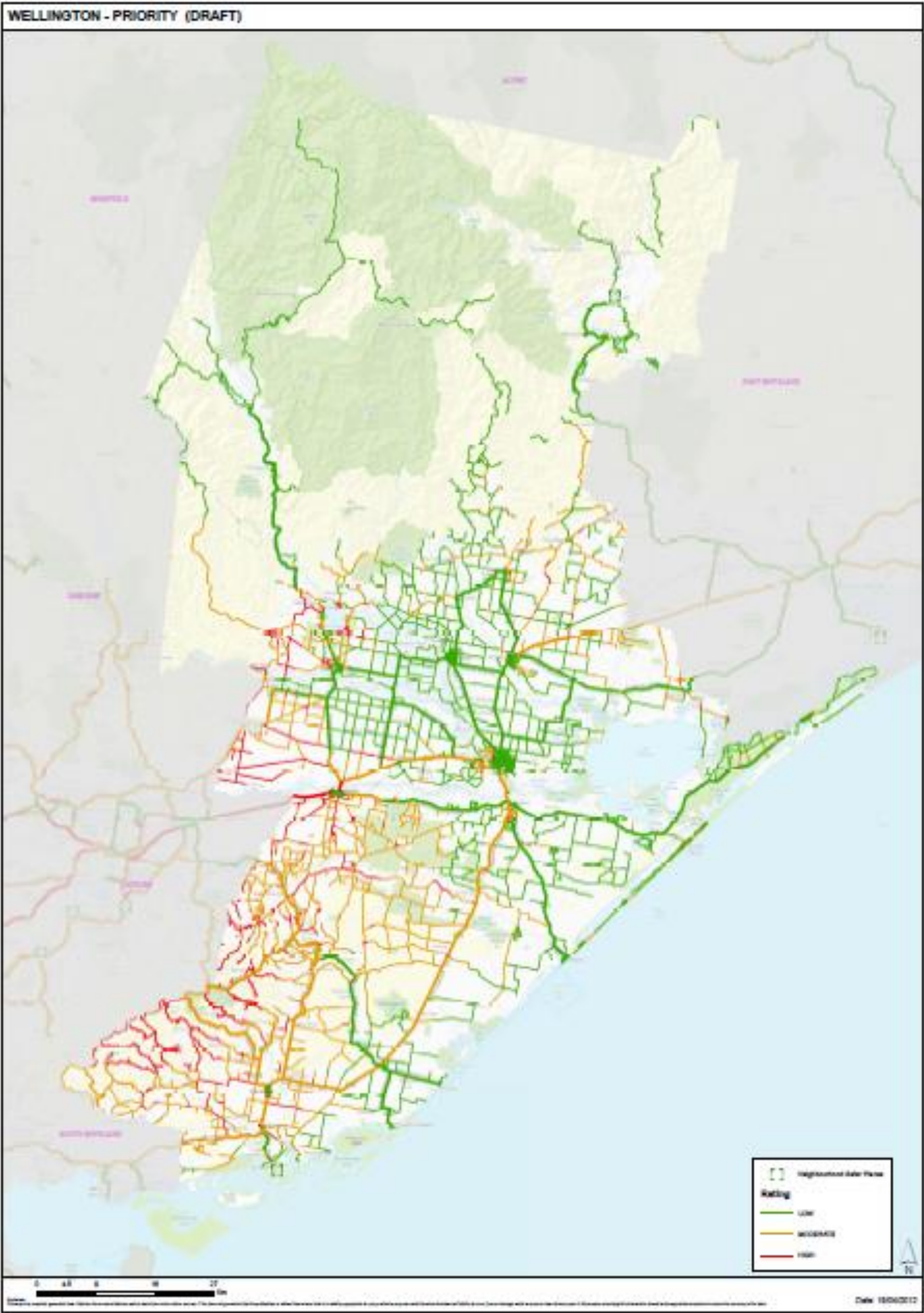


Map 5 – Cultural (Assets at Risk of Bushfire)





Map 6 – Victorian Road Bushfire Risk Assessment Wellington



## Attachment F – Links to other plans

Quick Find by Organisation type	Owner	Plan Name and Year Issued (Amended)	Year Issued / Plan Life	Plan purpose	Multi- agency	Links to Business Plans for resource allocation	Fire hazards	Fire use
CMA		Regional Catchment Strategy	Y – 6	Strategic	No	Yes		
Community	Committees of Mngt	Fire and Emergency Plans						
DELWP	DELWP	Emergency Management Partnership MOU 2009						
Electricity Utility	AusNet Services - Transmission	Vegetation Management Plan & Procedures					Bushfire	Preparedness, Prevention
Emergency Services Organisation	DHS	Gippsland Regional Recovery Plan	Y	Tactical		Yes	All	Recovery
Emergency Services Organisation	Police	Divisional Emergency Response Plans	Y - 2	Tactical	Yes	Yes	All	Response
Emergency Services Organisation	Police	Gippsland Emergency Response Plan 2011			Yes		All	Response
Fire Service	CFA	Roadside Fire Management Guidelines		Tactical	Yes	No	Bushfire	Prevention
Fire Service	CFA: District 10	District Operational Management Plans	Y - 3	Strategic	Yes	No	All	Response
Fire Service	CFA: District 10	Pre Incident Plans - CFA brigades have PIP's for significant risk within their area, including schools, hospitals, places of accommodation and industrial/chemical risks.		Tactical	Yes	No	All	Response
Fire Service	CFA: District 10	District Operational Management Plans	Y - 3	Strategic	Yes	No	All	Response
Fire Service	DELWP	Code of Practice for Bushfire Management on Public Land 2012			No	No	Bushfire	Preparedness, Prevention, (Ecological)
Fire Service	DELWP	Fire Management Plans (Fire Operations Plans)	Annually, 3 Yrs rolling	Strategic Tactical	Yes	Yes	Bushfire	Preparedness, Prevention, (Ecological)
Fire Service	DELWP	Gippsland Regional Fire Protection Plan (cover all Districts)	1999 - 10	Strategic	No	Yes	Bushfire	Preparedness, Prevention, (Ecological)
Fire Service	DELWP	Road Management Plan					Bushfire	
Govt	OESC	OESC Community Alert Sirens						
Govt	OESC	OESC Contact protocol Ver 1.3						
Industry	ESSO BHP Billiton	Longford Gas Plant- Esso – Bushfire Mitigation Plan.						
Municipality	WSC	Electric Line Clearance Tree Management Procedures		Tactical	Yes	Yes	Bushfire	Preparedness, Prevention
Municipality	WSC	Major events template		Tactical	N/a	No	All	Preparedness, Prevention
Municipality	WSC	Municipal Emergency Management Plan	? - 3	Strategic Tactical	Yes	Yes	All	All
Municipality	WSC	Municipal Planning Scheme	n/a	Strategic	Yes	Yes	All	
Municipality	WSC	Roadside Vegetation Management Plan	2005/ -		No	?	Bushfire	Preparedness, Prevention
Municipality	WSC	Municipal Relief and Recovery Plan	- 3	Strategic Tactical	Yes	Yes	All	Recovery
Municipality	WSC	Municipal EM Resource Sharing Protocol						
Municipality	WSC	MECC Operating Guidelines						
Municipality	WSC	Wellington Heatwave Plan						
Municipality	WSC	OESC MECC Practice Note V 2.1						
Municipality	WSC	OESC Supplementary Resources						
Municipality	WSC	Wellington Neighbourhood Safer Places Plan						
Municipality	WSC	MECC Operational Preparation Plan (Hard Copy)						

Quick Find by Organisation type	Owner	Plan Name and Year Issued (Amended)	Year Issued / Plan Life	Plan purpose	Multi- agency	Links to Business Plans for resource allocation	Fire hazards	Fire use
Municipality	WSC	Loch Sport Wild Fire Management Plan						
Municipality/Community	Community	Loch Sport Community Emergency Plan	2014					
Municipality/Community	Community	Golden Beach/Paradise Beach Community Emergency Plan	2014					
Municipality	WSC	Vegetation Management Plan – Golden Beach						
National/State Parks	PV	Sale RIC area Emergency Management Plan - Parks Victoria						
National/State Parks	PV	Wonnangatta Moroka Management Unit Alpine National Park Emergency Management Plan						
Plantation Managers	DELWP/VF	MOU for Fire Ready		Strategic			Bushfire	
Plantation Managers	HVP	Fire Protection Plan – Strategic Document Fire Operations Folders HVP/CFA Forest Industry Brigade Agreement					Bushfire	Preparedness, Prevention
Plantation Managers	HVP	Fire Strategy and Management Plan	2011 – 1	Strategic	Yes	Yes	Bushfire	Response
Rail	VLine	Corridor Fire Prevention Plans (Subset of State plan)	Y - 1		Yes		Bushfire	Preparedness, Prevention
Rail	VLine	Fire and Emergency Plans					All	
Reserves	DELWP/PV	Conservation Reserves Management Strategy			No	No	Bushfire	Preparedness, Prevention, (Ecological)
Roads	VicRoads	Roadside Management Strategy		Strategic	No	Yes	Bushfire	Preparedness, Prevention
Schools	DEECD	Bushfire at Risk Register - <a href="#">Bushfire At-Risk Register</a>		Tactical	N/a	No	Bushfire	Response
Schools	DEECD	Code Red (plan) - <a href="#">School Closures - Bushfires - Emergencies</a>		Tactical	N/a	No	All	Response
Schools	VRQA	Bushfire preparedness guidelines for (independent) schools – <a href="#">VRQA bushfire guidelines for schools</a>	N/a	Tactical	N/a	No	Bushfire	Preparedness
Telco	Telstra	Asset Protection Plans	Y - 1	Strategic Tactical	No	Yes	All	Preparedness, Prevention
Tourist Organisation	Caravan Parks	Caravan Park Emergency Management Plans – copies held by Shire Environmental Health Officers.						
Utility	AusNet Services - Distribution	Bushfire Mitigation Procedures & Form Vegetation Management Plan & Procedures						
Utility	AusNet Services - Distribution	Bushfire Mitigation Strategy						
Utility	AusNet Services - Distribution	Bushfire Mitigation Manual				No	Bushfire	Preparedness, Prevention
Utility	AusNet Services - Distribution	Bushfire Mitigation Plan	Y- 1	Strategic	No	Yes	Bushfire	Preparedness, Prevention
Utility	AusNet Services - Distribution	Bushfire Mitigation Procedures & Form Vegetation Management Plan & Procedures					Bushfire	Preparedness, Prevention
Utility	AusNet Services - Transmission	Guidelines for the Safety of Fire & Emergency Services Operating in the Vicinity Extra High Voltage Transmission Assets					Bushfire	Response, Recovery
Utility	AusNet Services - Transmission	Network Management Plan						
Utility	AusNet Services - Transmission	Transmission line Maintenance plans (Regional subset of State)	Y - 1	Strategic	No	Yes	Bushfire	

## Attachment G – Fire Access Roads

Fire access roads / tracks are constructed and maintained for fire management purposes to:

- Allow access to isolated areas of settlement where early containment is critical and if access was denied, would allow rapid spread of wildfire and potential loss of life.
- Overcome deficiencies in the road network and where the operation of two wheel drive fire fighting vehicles would be difficult
- Reduce travel time to areas containing settlements, subdivisions or individual properties

Typically fire access roads are categorised as unmaintained in council's road management plan however they are constructed to a standard that will permit travel by conventional drive fire fighting vehicles during the summer months.

Funding is available from the State Government to municipalities to assist in the construction and maintenance of fire access roads via the Fire Access Road Subsidy Scheme (FARSS). Subsidies are available annually through the CFA

Area	Access Road Name	Maintained	Reviewed
Dutson Downs	Signboard Lane		
Glomar Beach	Glomar Drive	Mar-15	
Heyfield	Chesterfield Road to Blanket Hill Junction		
Loch Sport	Unnamed track to water tank - Loch Sport Transfer Station	Mar-15	
Longford	Cobb Road	May-15	
Longford	Burgens Road		
Maffra	Sellings Road		
Munro	Sinclairs Road		
Munro	Jones Lane		
Munro	Old Munro Road		
Newry	Wells Road		
Stradbroke	Bradleys Road		
Stratford	South Boundary Track		
Stratford	Wilkinsons Lane		
Upper Maffra West	Millers Road		
Valencia Creek	Knackery Road (Mathers to wombat)		
Willung	Hollands Road		
Woodside Beach	Margaret Street	Apr-15	
Woodside Beach	Catherine Street	Apr-15	
Woodside Beach	Richard Road	Apr-15	
Woodside Beach	Rebecca Road	Apr-15	

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## Attachment H – Static Water Supplies

Adequate water supply for firefighting is integral to fire suppression. There are a number of static water supplies available for firefighting throughout the Wellington Municipality. Locations of static water supplies are:

Area	Water Source	Primary purpose	Location	CFA Fitting Yes/No
Alberton West			Alberton West Recreation Reserve - Lanes Road	Yes
Briagolong		Fire	Marathon Road near Duffy's Road	Yes
Briagolong		Fire	Corner of Briagolong-Stockdale Road / Stockdale	Yes
Briagolong	Bore	Drought Relief	Briagolong Recreation Reserve	Yes
Coongulla			Fairs & Hodges Road Intersection	Yes
Dargo	Bore	Drought Relief	Dargo Recreation Reserve, Adjacent to tennis courts	Yes
Devon North		Fire	683 Whitelaws Track Recreation Reserve	
Glomar Beach		Fire	Glomar Drive 150 meters from the Seaspray end	Yes
Golden Beach			Golden Beach Community Centre Reserve - 1-19 Surf Edge Drive	Yes
Jack River			237 Albert River Road	Yes
Loch Sport		Unknown	Track 10 – Just over causeway	Yes
Loch Sport		Toilet	Lake Street Foreshore Reserve-Lions Park-Ross Sayers Reserve - Lake Street	Yes
Longford		Landfill site	Former Longford Landfill - Longford-Loch Sport Road	Yes
McLoughlins Beach			Beach Drive	Yes
Meerlieu			Meerlieu Public Hall Reserve - 1455 Lindenow-Meerlieu Road	Yes
Munro	Bore	Drought Relief	Munro Bore - Munro-Stockdale Road South of Railway line	Yes
Newry			Newry Recreation Reserve - Three Chain Road	Yes
Sale			Brennan Park - Desailly Street	Yes
Stockdale		Fire	Cnr Briagolong Stockdale Road	Yes
Stradbroke	Bore	Drought Relief	4971 South Gippsland Highway at Hall	Yes
Tarraville			Tarraville Recreation Reserve - 9 Bridge Street	Yes
Upper Maffra West			Kentucky Road -	Yes
Upper Maffra West			Millers Road	Yes
Wonyip			Woorarra Road	Yes
Woodside	Bore	Drought	Woodside Recreation Reserve, 4-18 South Gippsland Highway	Yes
Woodside Beach		Fire	Woodside Beach Caravan Park - Woodside Beach Road	Yes
Yarram			Yarram Aerodrome - Parkside Aerodrome Road	Yes

Funding is available from the state government to municipalities to assist in the construction and maintenance of static water supplies through the Fire Access Road Subsidy Scheme (FARSS). Subsidies are available annually and are administered by the CFA.



Rural water supplies can also be derived from:

- water supply from nearby town supplies;
- hydrants on water mains from storage reservoirs to town reticulation;
- permanent rivers streams or irrigation channels;
- farm dams or reserved firefighting dams;
- static water supplies (tanks);
- reservoirs

## Attachment I – Fuel Management Breaks

Refer to Attachment E Map 2



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## Attachment J – Stakeholder Distribution List

MFMP/MEMPC Membership Agency/Organisation	Representative Position / Email Address (Not for Public Dissemination)
Country Fire Authority	
Department of Sustainability & Environment	
Parks Victoria	
VicRoads	
Victoria Police	
Wellington Shire Council	
Ambulance Victoria	
Australian Red Cross - Victoria	
Department of Education and Early Childhood Development	
Department of Human Services	
Department of Primary Industry	
Department of Primary Industry	
Gippsland Ports	
Gippsland Water	
Southern Rural Water	
AusNet Services	
Victorian State Emergency Service	

Secondary Stakeholder Agency/Organisation	Representative Position / Email Address (Not for Public Dissemination)
ABC Radio Sale	
East Gippsland Shire	
Hancock Victoria Plantation	
Hospitals	
Human Settlements listed on the Register of assets at Risk of Bushfire	
Independent Schools	
Latrobe City	
Mirridong Disability Services	
Nursing Homes, Aged Care	
Esso Longford Gas Plant	
RAAF East Sale	
West Sale Airfield	

Tertiary Stakeholder Agency/Organisation	Representative Position / Email Address (Not for Public Dissemination)
B&B's	
Caravan & Tourist Parks	
Hostels	
Hotels	
Motels	
Timber Mills	

## Attachment K - Glossary of Bushfire and Structure Fire Terms

Term	Description
<b>Acceptable risk</b>	The level of potential losses that a society or community considers acceptable, given existing social, economic, political, cultural, technical and environmental conditions.
<b>Assets and values<sup>32</sup></b>	Recognised features of the built, natural and cultural environments. Built assets may include buildings, Roads and bridges; Structures managed by utility and service providers; or recognised features of private land, such as houses, property, Stock and crops and associated buildings and equipment. Natural assets may include forest produce, forest regeneration, conservation values including vegetation types, fauna, air and water catchments*. Cultural values may include recreational, Indigenous, historical, archaeological and landscape values.
<b>Assumption</b>	A conclusion that is reached based on the information available at the time.
<b>Bushfire</b>	A general term used to describe a fire in vegetation.
<b>Community</b>	A group of people with a commonality of association and generally defined by location, shared experience or function.
<b>Combustible gas</b>	A gas that will burn when it is within its flammability range.
<b>Combustible liquid</b>	A liquid that has a flash point above 61° C.
<b>Combustion</b>	Rapid oxidation of fuels producing heat, and often light.
<b>Community based disaster risk management</b>	A process that seeks to develop and implement Strategies and activities for disaster preparedness (and often risk reduction) that is locally appropriate and locally 'owned'.
<b>Consequence</b>	Outcome or impact of an event.
<b>Control Line</b>	See Fireline
<b>Critical infrastructure</b>	<p>Critical infrastructure includes those services, physical facilities, supply chains, information technologies and communication networks that, if destroyed, degraded or rendered unavailable for an extended period, would significantly impact on the social or economic well-being of the community.</p> <p>Includes:</p> <ul style="list-style-type: none"> <li>• Telecommunications</li> <li>• Electrical power systems</li> <li>• Gas and oil Storage and transportation</li> <li>• Banking and finance</li> <li>• Transportation</li> <li>• Water supply systems (and sewerage).</li> </ul> <p>Adapted from Critical Infrastructure Advisory Council (CIAC).</p>

<sup>32</sup> Code of Practice for Emergency Management on Public Land

Term	Description
<b>Detection system</b>	A system of fixed apparatus, normally part of an automatic fire alarm system, in which fire detectors, control equipment and indicating equipment are employed for automatically detecting fire and initiating other action as arranged.
<b>Detector (fire)</b>	A device which gives a signal in response to a change in the ambient conditions in the vicinity or within the range of a detector, due to a fire.
<b>Elements at risk</b>	The population, buildings and civil engineering works, economic activities, public services and infrastructure etc. exposed to sources of risk.
<b>Emergency</b>	An event, actual, or imminent that endangers or threatens to endanger life, property or the environment, and that requires a significant and coordinated response.
<b>Essential service (Essential Services Commission Act 2001)</b>	A service (including the supply of goods) provided by: <ul style="list-style-type: none"> <li>• The electricity industry</li> <li>• The gas industry</li> <li>• The ports industry</li> <li>• The grain handling industry</li> <li>• The rail industry</li> <li>• The water industry</li> <li>• (g) Any other industry prescribed for the purpose of this definition.</li> </ul>
<b>Event</b>	Occurrence of a particular set of circumstances. An incident or situation that occurs in a particular place during a particular interval of time.
<b>Frequency</b>	A measure of the number of occurrences per unit of time.
<b>Fire</b>	Comes under the definition of an Emergency. The Emergency Management Act 1986 defines 'emergency' as: "... the actual or imminent occurrence of an event which in any way endangers or threatens to endanger the safety or health of any person in Victoria or which destroys or damages, or threatens to destroy or damage, any property in Victoria or in any way endangers or threatens to endanger the environment or an element of the environment in Victoria, including, without limiting the generality of the foregoing and specific to integrated fire management and therefore includes: <ul style="list-style-type: none"> <li>• A fire; and</li> <li>• An explosion,</li> <li>• A Rd accident or any other accident,</li> <li>• A disruption</li> </ul>
<b>Fire Access Track</b>	A track constructed and/or maintained expressly for fire management purposes.
<b>Fireline</b>	A natural or constructed barrier, or treated fire edge, used in fire suppression and prescribed burning to limit the spread of fire.
<b>Fuel Management</b>	Modification of fuels by prescribed burning, or other means. (AFAC)
<b>Hazard</b>	A source of potential harm or situation with a potential to cause loss.  A potentially damaging physical event that may cause loss of life or injury, property damage, social and economic disruption or environmental degradation. <sup>33</sup>
<b>Impact</b>	See consequence.
<b>Likelihood</b>	Used as a general description of probability or frequency – can be expressed qualitatively or quantitatively.

<sup>33</sup> ISDR, 2008. Climate Resilient Cities

Term	Description
<b>Loss</b>	Any negative consequence or adverse effect – financial or otherwise.
<b>Mitigation</b>	Measures taken in advance of a disaster, aimed at decreasing or eliminating its impact on society and environment.
<b>Monitor</b>	To check, supervise, critically observe or measure the progress of an activity, action or system on a regular basis in order to identify change from the performance level required or expected.
<b>Organisation</b>	Group of people and facilities with an arrangement of responsibilities, authorities and relationships.
<b>Practicable<sup>34</sup></b>	What is realistic to achieve in the context of: <ul style="list-style-type: none"> <li>the severity of the hazard or risk in question</li> <li>the State of knowledge about that hazard or risk and any ways of removing or mitigating that hazard or risk</li> <li>the availability and suitability of ways to remove or mitigate that hazard or risk</li> <li>the cost of removing or mitigating that hazard or risk.</li> </ul>
<b>Preparedness</b>	Arrangements to ensure that in the event of an emergency all those resources and services that are needed to cope with the effects can be efficiently mobilised and deployed.
<b>Prevention</b>	Regulatory and physical measures to ensure that emergencies are prevented, or their effects mitigated.
<b>Probability</b>	A measure of the chance of occurrence expressed as a number between 0 and 1. 'Frequency' or 'likelihood' rather than 'probability' may be used in describing risk. The likelihood of a specific outcome, as measured by the ratio of specific outcomes to the total number of possible outcomes. Probability is expressed as a number between zero and unity – zero indicating an impossible outcome and unity indicating an outcome that is certain. Probabilities are commonly expressed in terms of percentage e.g. the probability of throwing a six on a single roll of a die is 1 in 6, or 0.167, or 16.7 per cent.
<b>Recovery</b>	The coordinated process of supporting emergency affected communities in the reconstruction of the physical infrastructure and restoration of emotional, social, economic and physical wellbeing.
<b>Residual risk</b>	Risk remaining after implementation of risk treatment.
<b>Resilience</b>	The capacity of a system, community or society potentially exposed to hazards to adapt, by resisting or changing in order to reach and Maintain an acceptable level of functioning and structure. This is determined by the degree to which the social system is capable of organizing itself to increase its capacity for learning from past disasters for better future protection and to improve risk reduction measures <sup>35</sup>
<b>Response</b>	Actions taken in anticipation of, during and immediately after an emergency, to ensure its effects are minimised and that people affected are given immediate relief and support.

<sup>34</sup> Dangerous Goods (Storage and Handling) Regulations 2000  
S.R. No. 127/2000

<sup>35</sup> UN/ISDR, Geneva 2004



Term	Description
<b>Risk</b>	The chance of something happening that will have an impact on objectives. The probability of harmful consequences resulting from interaction between natural or human-induced hazards and vulnerable conditions <sup>6</sup> .
<b>Risk analysis</b>	Systematic process to understand the nature of, and deduce, the level of risk.
<b>Risk assessment</b>	The overall process of risk identification, analysis and evaluation
<b>Risk criteria</b>	Terms of reference by which the significance of risk is assessed.
<b>Risk evaluation</b>	Process of comparing the level of risk against risk criteria.
<b>Risk identification</b>	The process of determining what, where, when, why and how something could happen.
<b>Risk management</b>	The culture, process and Structures that are directed towards realising potential opportunities whilst managing adverse effects.
<b>Risk management process</b>	The systematic application of management of policies, procedures and practices to the tasks of communicating, establishing the context, identifying, analysing, evaluating, treating, monitoring and reviewing risk.
<b>Risk reduction</b>	Actions taken to lessen the likelihood, negative consequences, or both, associated with a risk.
<b>Risk register</b>	A listing of risk Statements describing sources of risk and elements at risk, with assigned consequences, likelihoods and levels of risk.
<b>Risk treatment</b>	Process of selection and implementation of measures to modify risk. The term 'risk treatment' is sometimes used for the measures themselves.
<b>Smoke alarm</b>	A device which is activated by the presence of smoke and sounds an alarm.
<b>Smoke Detector</b>	A device which is sensitive to the presence of smoke
<b>Source of risk</b>	Source of potential harm.
<b>Stakeholders</b>	Those people and organisations who may affect, be affected by, or perceive themselves to be affected by a decision, activity or risk.
<b>Structures</b>	Any building, industrial plant, erection, edifice, wall, chimney, fence, bridge, dam, reservoir, wharf, jetty, earth works, reclamation, ship, floating structure, or tunnelling works.
<b>Susceptibility</b>	The potential to be affected by loss.
<b>Tolerable Risk</b>	A risk within a range that society can live with so as to secure certain net benefits. It is the range of risk regarded as non-negligible and needing to be kept under review and reduced further if possible.
<b>Treatment</b>	An existing process, policy, device, practice or other action that acts to minimise negative risk or enhance positive opportunities. The word control may also be applied to a process designed to provide reasonable assurance regarding the achievement of objectives.
<b>Treatment (adequacy) assessment</b>	Systematic review of processes to ensure that controls are still effective and appropriate.

Term	Description
<b>Vulnerability</b>	The conditions determined by physical, social, economic and environmental factors or processes, which increase the susceptibility of a community to the impact of hazards. <sup>36</sup>
<b>Vulnerable people</b>	Those living in high bushfire risk areas and who are unable to make an independent decision, including due to cognitive impairment; physically dependant and totally reliant on in home personal care and support; and people who live alone and are geographically and socially isolated with no co-resident carer or family.

A full Bushfire glossary can be viewed on the AFAC website.

A full Urban (Structure Fire) glossary can be viewed on the AFAC website .

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<sup>36</sup> UN/ISDR, Geneva 2004



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## Attachment L – Acronyms

Acronyms	Definition
<b>ABS</b>	Australian Bureau of Statistics
<b>AFAC</b>	Australian Fire and Emergency Service Council
<b>AR</b>	Alpine Resort
<b>AV</b>	Ambulance Victoria
<b>BCA</b>	Building Code of Australia
<b>BMO</b>	Bushfire Management Overlay
<b>BPA</b>	Bushfire Prone Areas
<b>CFA</b>	Country Fire Authority
<b>CMA</b>	Catchment Management Authority
<b>CIG</b>	Community Information Guide
<b>COAG</b>	Council of Australian Governments
<b>DEECD</b>	Department of Education and Early Child Development
<b>DHS</b>	Department of Human Services
<b>DoD</b>	Department of Defence
<b>DPCD</b>	Department of Planning and Community Development
<b>DELWP</b>	Department of Environment, Land, Water and Planning
<b>EHO</b>	Environmental Health Officer
<b>EMP</b>	Emergency Management Plan
<b>EPA</b>	Environment Protection Agency
<b>ESO</b>	Emergency Services Organisation
<b>FOP</b>	Fire Operations Plan
<b>FSC</b>	Fire Services Commissioner
<b>GLGN</b>	Gippsland Local Government Network
<b>GRP</b>	Gippsland Regional Plan
<b>GW</b>	Gippsland Water
<b>HVP</b>	Hancock Victorian Plantations
<b>HAZMAT</b>	Hazardous Material
<b>IFMP</b>	Integrated Fire Management Planning

Acronyms	Definition
<b>LGA</b>	Local Government Area
<b>LUP</b>	Land Use Planning
<b>MAV</b>	Municipal Association Victoria
<b>MEMP</b>	Municipal Emergency Management Plan
<b>MEMPC</b>	Municipal Emergency Management Planning Committee
<b>MERC</b>	Municipal Emergency Response Coordinator
<b>MFMP</b>	Municipal Fire Management Plan
<b>MFMPCC</b>	Municipal Fire Management Planning Committee
<b>MFPO</b>	Municipal Fire Prevention Officer
<b>MFPP</b>	Municipal Fire Prevention Plan
<b>MOU</b>	Memorandum of Understanding
<b>MSV</b>	Marine Safety Victoria
<b>NSP/PLR</b>	Neighbourhood Safer Place/Place of Last Resort
<b>PIP</b>	Pre Incident Plan
<b>PPRR</b>	Prevention Preparedness Response Recovery
<b>PV</b>	Parks Victoria
<b>RAAF</b>	Royal Australian Air Force
<b>RAMSAR</b>	Ramsar Convention
<b>RSFMP</b>	Regional Strategic Fire Management Plan
<b>RSFMPC</b>	Regional Strategic Fire Management Planning Committee
<b>SFMPC</b>	State Fire Management Planning Committee
<b>SRW</b>	South Rural Water
<b>VBRC</b>	Victorian Bushfire Royal Commission
<b>VEAC</b>	Victorian Environmental Assessment Council
<b>VFF</b>	Victorian Farmers Federation
<b>VFRR-B</b>	Victorian Fire Risk Register - Bushfire
<b>VRQA</b>	Victorian Registration and Qualifications Authority
<b>VicPol</b>	Victoria Police
<b>VICSES</b>	Victoria State Emergency Service
<b>WSC</b>	Wellington Shire Council

## Attachment M – References

Reference Title	Document Originator
Australian Bureau of Statistics – Census Data 2006, 2011	Australian Bureau of Statistics
Bass Coast Shire Council Fire Prevention Works Plans	Bass Coast Shire Council
Building Act 1993	State Government
Building Code of Australia (BCA) 1990, Building Regulations 1994	COAG
Building Code of Australia (BCA) 1990, Building Regulations 1994	COAG
Building New Foundations	Fire Services Commissioner Victoria
Building Regulations 2006	State Government
Bushfire Safety Policy Framework	Fire Services Commissioner Victoria
Caravan Park Fire Safety 2012	CFA
Code of Practice for Fire Prevention on Declared Roads	VicRoads
Code of Practice for Bushfire Management on Public Land 2012	DELWP
Community Refuge Policy	Fire Services Commissioner Victoria
Country Fire Authority Act 1958, CFA Regulations 1992	State Government
Dangerous Goods Regulations 2000	State Government
Emergency Management Act 1986	State Government
Emergency Management Manual Victoria	State Government
Fire Services Commissioner Act 2010	State Government
Flora and Fauna Act 1988	State Government
Forests Act 1958	State Government
Health Act 1958	State Government
Integrated Fire Management Planning Framework	SFMPC
Integrated Fire Management Planning Guide 2010	SFMPC
ISO 31000 : 2009	AS/NZS
Living with fire - Victoria's Bushfire Strategy	State Government
Making Victoria Fire ready (Implementing Governments response to 2009 VBRC)	CFA
Municipal Emergency Management Plan	Wellington Shire Council
Municipal Fire Prevention Plan	Wellington Shire Council
National Parks Act 1975	State Government
Planning and Environment Act 1987	State Government
Road Management Act 2004	State Government
Roadside Fire Management Guidelines (2005)	CFA
State Conservation Strategy 1987	State Government
State Fire Management Strategy 2009	SFMPC
VEM Hazard Tree and 56M Assessment Procedure	AusNet Services
VFRR Exports, Reports & Handouts	CFA
VicRoads 1085 Code of Practice	VicRoads

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