

South Gippsland Municipal Fire Management Plan

2013 – 2016



Version 2.0 7 April 2013

Page Intentionally Blank

Chair's Foreword

Fire is one of the most common disasters individuals and communities can face, and the impact of fire on lives and property can be devastating. Safety from fire and the protection of life, property and our environment are both highly complex and emotive issues. Essential to the mitigation of unplanned fire is that all of us who live, work and visit South Gippsland must recognise the value of partnerships and the role each of us play in being not only prepared for fire but able to respond appropriately and then recovery from fire.

This second version of the South Gippsland Municipal Fire Management Plan (MFMP) includes the risk of fire associated with bushfire¹, structure fire and fire involving chemicals and is a living document and will now be presented to communities throughout the municipality for consultation and input including fire management planning at the local level and community resilience building.

The production of this plan is consistent with principles outlined in the Integrated Fire Management Planning Framework (2007) and the State Fire Management Strategy (2009) and the Integrated Fire Management Planning Guide (2010).

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.

Bill Alards

Chair

South Gippsland Municipal Fire
Management Planning Committee

¹ Bushfire is a generic term for all types of vegetation fires



Authorisation and Endorsement

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

This MFMP has been produced by the Municipal Fire Management Planning Committee under the authority of the South Gippsland Council pursuant to Section 20 of the *Emergency Management Act 1986*; and will be deemed to fulfil Section 55A of the *Country Fire Authority Act 1958*.

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

Name: Tim Tamlin
Chief Executive Officer
South Gippsland Shire Council

Name: Mark Potter
Regional Director
CFA Gippsland Region

Name: Michael Timpano
Regional Director
DEPI Gippsland Region

Date:

Date:

Date:

Name: Andrew Marshall
Regional Manager
East Region
Parks Victoria

Name: Ricky Ross APM
Regional Emergency
Management Inspector
Victoria Police

Name: Sebastian Motta
Regional Director
VicRoads Eastern Region

Date:

Date:

Date:



Version Control Table

Version Number	Date of Issue	Author(s)	Brief Description of Change
Version 1.0	31/10/2011	South Gippsland MFMP	Document creation with fire risk focusing on Bushfire only
Version 2.0	05/04/2013	South Gippsland MFMP	Inclusion of structural fire and fires involving chemicals

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

David Johnson
Network Manager – Gippsland Region
State Fire Management Planning Support Team

Mobile: 0438 743 134

David.Johnson@ifmp.vic.gov.au

Postal Address:
PO Box 9067
Traralgon VIC 3844



Table of Contents

<i>Chair's Foreword</i>	<i>1</i>
<i>Authorisation and Endorsement</i>	<i>2</i>
Part 1 – Introduction	7
<i>Introduction to Fire Management</i>	<i>7</i>
<i>Authority for Plan</i>	<i>8</i>
<i>Planning Process</i>	<i>8</i>
<i>Period of Plan</i>	<i>8</i>
<i>Community and Organisational Engagement Process</i>	<i>8</i>
Part 2 – Engagement and Communications	9
<i>Stakeholder Analysis</i>	<i>9</i>
<i>Community Engagement Process</i>	<i>9</i>
Part 3 – Summary of Environmental Scan	10
<i>Location and Land Tenure</i>	<i>10</i>
<i>Population and Demographics</i>	<i>10</i>
<i>Socio-economic Indexes for (Gippsland) Areas</i>	<i>12</i>
<i>Economy</i>	<i>12</i>
<i>Economic Infrastructure</i>	<i>12</i>
<i>Transport Connectivity</i>	<i>13</i>
<i>Natural Resources</i>	<i>13</i>
<i>Climate</i>	<i>13</i>
<i>The Impacts of Climate Change</i>	<i>13</i>
<i>Fire History Summary</i>	<i>14</i>
Bushfire.....	<i>14</i>
Structure Fire	<i>15</i>
Fires Involving Chemicals.....	<i>15</i>
<i>Fire Management Priorities (Values)</i>	<i>15</i>
Part 4 – Fire Management Objectives	16
<i>Plan Aim</i>	<i>16</i>
<i>Plan Objectives</i>	<i>16</i>
<i>Outcomes</i>	<i>18</i>
<i>Links to Other Plans</i>	<i>18</i>
Part 5 – Fire Management Risk Strategies	19
<i>Bushfire Risk Treatments</i>	<i>19</i>
<i>Structure Fire Risk Treatments</i>	<i>21</i>
<i>Fires Involving Chemicals, Risk Treatments</i>	<i>22</i>

<i>Multi Agency Worksplan</i>	23
Part 6 – Improvement, Plan Reporting and Review Process	24
<i>Audit Plan</i>	24
<i>Plan Review and Update</i>	24
Part 7 – Attachments	25
Attachment A-1 Register of Assets at Risk - Bushfire	27
Attachment A-2 Register of Assets at Risk – Structure Fire.....	45
Attachment A-3 Register of Assets at Risk – Fire Involving Chemicals	55
Attachment B Multi Agency Worksplan	57
Attachment C-1 – Hazard Trees (<i>Electrical Safety Act 1998</i>)	65
Attachment C-2 – Community Information Guides - Bushfire	71
Attachment C-3 – Neighbourhood Safer Place/Places of Last Resort	73
Attachment C-4 – Community Fire Refuge.....	75
Attachment D – Community and Stakeholder Engagement Plan.....	77
Attachment E – Maps.....	83
Attachment F – Links to other plans.....	93
Attachment G – Fire Access Roads / Egress Tracks	95
Attachment H – Static Water Supplies	97
Attachment I – Fuel Management Breaks.....	99
Appendix 1 – South Gippsland Shire & VicRoads Fuel Management Breaks	100
Attachment J – MFMPC Membership and Stakeholder Distribution List	105
Attachment K – Glossary.....	107
Attachment L – Acronyms.....	113
Attachment M – References	115



Page Intentionally Blank



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 South Gippsland, Bushfire², Structure Fire and Chemical Fire.

The purpose of the 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 South Gippsland, and the planned use of fire in the landscape for a variety of purposes. One important aspects of implementing the MFMP is to engage communities so that they have a valid influence in the fire management planning process. It ensures that the South Gippsland MFMP responds to community needs, values and perceived³ risks.

Bushfire

In Victoria we live in a fire prone environment dictated by our climate of wet winters and hot dry summers. 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, the 2009 Delburn Complex and Black Saturday fires, and in 2013 several major fires including the Aberfeldy-Donnelllys and Grampians fires.

While the overall likelihood of bushfire in the South Gippsland footprint is lower than most other Gippsland municipalities there are some pockets of community at high risk of bushfire that, without prudent mitigation works and education program, have the potential for loss of life and property.

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
- Marine

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

² Bushfire is a generic term for all types of vegetation fires

³ Community re-education from perceived risk to “real” risk

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.

There is no history of chemical caused fires in South Gippsland however; there have been a number of fires resulting from vehicle accidents which involve the transport of volatile materials on local roads. In addition there have 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.

Authority for Plan

This Municipal Fire Management Plan (MFMP) has been produced by and with the authority of the South Gippsland Shire Council pursuant to Section 20⁴ of the *Emergency Management Act 1986*; and will be deemed to fulfil Section 55A⁵ of the *Country Fire Authority Act 1958*. The MFMP is a sub-plan of the South Gippsland Shire Council Municipal Emergency Management Plan (MEMP).

Planning Process

The first version of the MFMP focused on the risk of bushfire and ran in partnership with the existing Municipal Fire Prevention Plan (MFPP).

This second version of the MFMP now includes the other elements of fire risks of structural fire and fires involving chemicals. This plan addresses the mitigation of, response to and recovery from fire emergencies within South Gippsland.

The 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 South Gippsland that relate to fire.

Period of Plan

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

Community and Organisational Engagement Process

Fire safety is a shared responsibility between individuals, the community, government agencies and non-government organisations, and the private sector and requires a partnership approach where the various stakeholders undertake appropriate action to address the risk.

Part 2 of this plan details the process undertaken in relation to community and organisational engagement.

⁴ [Emergency Management Act 1986 - SECT 20 Municipal emergency management plan](#)

⁵ [Country Fire Authority Act 1958 - SECT 55A Municipal fire prevention plans](#)

Part 2 – Engagement and Communications

Stakeholder Analysis

The Municipal Fire Management Planning Committee (MFMP) identified the key stakeholders and determined their level of involvement. A summary of the stakeholder matrix is contained within **Attachment D – Engagement and Communications Plan**.

Community Engagement Process

Version 1.0 of this plan was made available for comment on the South Gippsland Shire Council website for a period of three months in early 2012, and was on display at the Lardner Park Farm World in February 2012. No formal summations were received.

With the inclusion of structure and chemical fire hazards in this version of the plan the MFMP has determined that a more rigorous process of engaging with communities, business and organisations is to be undertaken. This being an important aspect of implementing a MFMP so that all stakeholders have a valid influence in the fire management planning process and that the MFMP responds to the broader community needs, values and perceived risks. The Engagement and Communication Plan to be used for this process is at **Attachment D**.



Yanakie Road: Photo courtesy of CFA

Part 3 – Summary of Environmental Scan

The Gippsland Regional Plan 2010⁶ and the South Gippsland Shire Council web site [South Gippsland Shire Council Home Page](#) contains a large body of strategic work, data, and information sources; from which the MFMP derived the summary below in relation to fire management planning.

Not all data from the Australian Bureau of Statistics (ABS) 2011 Census⁷ had been released at the time of writing however where Census data has been used, it will be identified as either 2006 or 2011.

Location and Land Tenure

The South Gippsland Shire covers some 3,309 square kilometres and is located about 100kms south east of Melbourne. South Gippsland Shire is bounded by Cardinia and Baw Baw Shires in the north, Latrobe City and Wellington Shire in the east, Bass Strait in the south, and Bass Coast Shire in the west.

Land tenure within the South Gippsland Shire is outlined in dataset below.

Land Managers	% of MFMP Area	Area (ha)
National Parks Act & Nature Conservation Reserves	17.1	56,614
Other Conservation Reserves	0.5	1,637
State Forest	0.4	1,203
Other Public Land	2.1	7,116
Plantation (Leased, Licenced and Freehold)	2.0	6,533
Freehold	77.9	257,829
Total	100	330,933 ⁸

Source: DEPI PLM25 GIS dataset

The municipality is a rural, residential and holiday area comprising of foothills to the steep terrain of the Strzelecki ranges in the north, to the coastal plains in the south. It also has internationally significantly National Parks and other conservation reserves (both terrestrial and marine) including Wilsons Promontory National Park and the Cape Liptrap Coastal Park.

Population and Demographics

South Gippsland is a municipality with some twenty-eight small communities. Major centres include Leongatha, Korumburra, Mirboo North and Foster, and other significant townships include Nyora, Toora, Venus Bay, Sandy Point, Poowong, Port Welshpool, Loch, Dumbalk, Welshpool, Meenyan, Fish Creek and Tarwin Lower.

In 2011 the municipality had an estimated population of 27,212⁹ which is expected to grow to some 32,509¹⁰ by 2031 giving an average annual growth rate of 1%. Much of this growth will be due to movement into the Shire from Melbourne including a significant number of retirees.

Our community is an ageing one with an increase in over 60 year old residents, now at 27.7% of the population. The median age is 44 years.

⁶ GRP used ABS data from the 2006 Census

⁷ [2011 Census QuickStats: South Gippsland \(S\)](#)

⁸ Anomaly between DSE GIS and ABS land data

⁹ ABS 2011 Census data

¹⁰ ABS 2011 Census data

The population swells to between 45,000 to 50,000 during the peak summer season; with some additional 18,000 holiday makers occupying camping grounds and caravan parks, B&B and holiday homes; as well as a further 18,000 day visitors.

In 2012 the estimated percentage of non-resident ratepayers was 28.1 %.

Built environment demographics

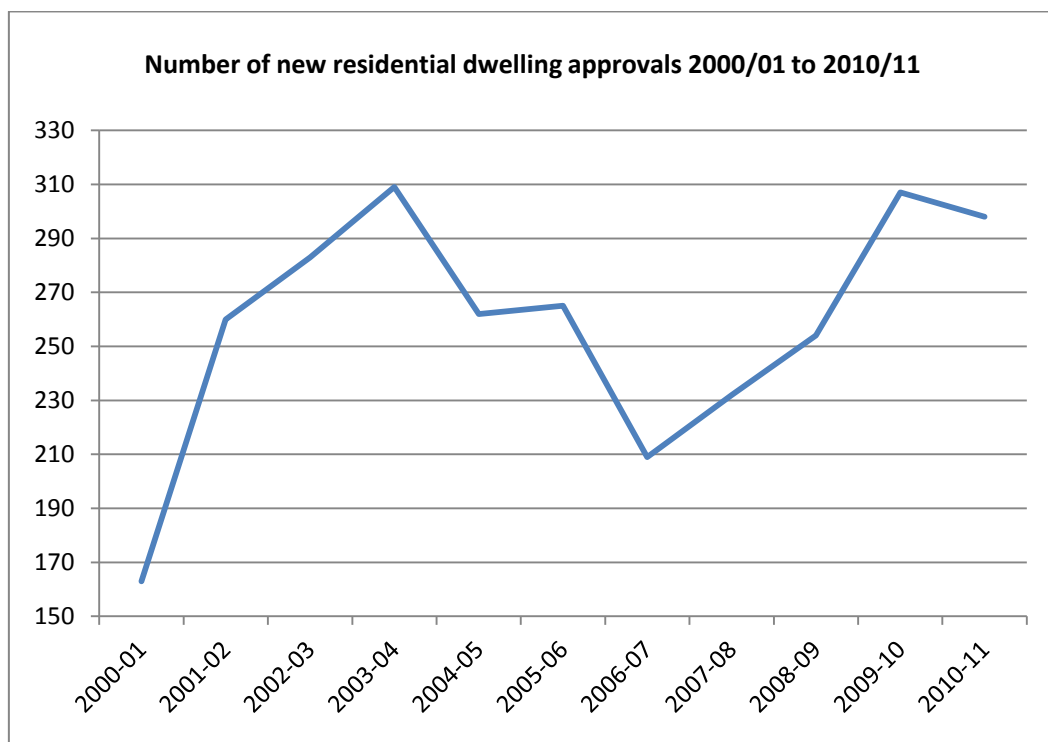
There are 15,098 private dwellings in the South Gippsland Shire. The dataset below related to “occupied” private dwellings:

Type and Number of Occupied Dwellings in South Gippsland Shire - 2011				
Separate House	Semi-detached, townhouse	Flat, Unit, similar	Other	Total
9,876 (94.5%)	254 (2.4%)	234 (2.2%)	88 (0.8%)	10,452

The average household size in 2011 was 2.4 people. 70.9% were family households, 27.0% were single person households and 2.2% were group households. The distributions of household size detailed in the dataset below:

Household Structure in South Gippsland Shire - 2011					
One Person Household	Two Person Households	Three Person Households	Four Person Households	Five Person Households	Six or more Person Households
2,817	4,087	1,334	1,287	642	285

The graph below shows the growth in the number of new residential dwellings approved (excluding approvals for alterations and additions to existing dwellings) during the financial year period of 2000/2001 to 2010/2011:



Socio-economic Indexes for (Gippsland) Areas

The dataset below compares the social wellbeing and connectedness of South Gippsland Shire residents with the overall average for the Gippsland Region and Victoria.

Socio-economic Indexes for Areas (SEIFA) ¹¹									
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		Usual Resident Population
	Score	Decile	Score	Decile	Score	Decile	Score	Decile	
Bass Coast	960	5	978	6	979	5	956	5	29638
Baw Baw	983	7	998	7	1008	8	971	7	42902
East Gippsland	942	4	958	4	964	4	950	5	42209
Latrobe	929	3	940	3	944	2	914	2	72393
South Gippsland	981	7	1000	7	1011	8	971	7	27212
Wellington	961	5	974	5	984	6	954	5	41466

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

ABS 2011 Census data indicated the level of volunteerism in South Gippsland Shire as follows:

- Some 29 % of people indicated they did some form of volunteer work.
- 5.3 % of people had a need for assistance for profound disability

Economy

Much of the rural area is used for agriculture, with dairy (production and manufacturing totally \$273M annually); beef (\$95M annually) snow pea farming, construction and timber production being the main pursuits. There is also some fishing and viticulture. A more detailed Industry Profile can be viewed via the following link [South Gippsland Shire Council - Industry Profile](#)

Tourism is also an important industry, especially in the coastal areas and valued at over \$230 million to the local economy. The key tourist destination is Wilson's Promontory National Park and is a driver for other tourist attractions including Coal Creek Community Park & Museum, The Great Southern Rail Trail, South Gippsland Tourist Railway, Grand ridge Rail Trail, Stony Creek Racecourse, boutique breweries and wineries. The prolonged closure of Wilson's Promontory due to natural events is extremely costly to the tourism industry and associated businesses and the Shire.

Economic Infrastructure

The South Gippsland Highway provides a major transport link into the South Gippsland Shire and then easterly to Wellington Shire. The Shire is also served by the Bass Highway and the Strzelecki Highway.

¹¹ ABS data 28 March 2013

Transport Connectivity

Duplication of the Bass Highway and upgrading of the South Gippsland Highway and Strzelecki Highway will further enhance a road network relied upon by workers to commute to and from work, to do business, to transport goods and products; for access to health facilities, schools and general community use.

Natural Resources

The predominant vegetation over the Shire is pasture. Where areas of natural vegetation remain, including National and State Parks, Reserves, roadsides and some private land, there is a wide variety of vegetation; these range from wet forest, dry sclerophyll woodland, coastal banksia woodland, heath and grasslands. The areas of public land from Wilsons Promontory through to the Strzelecki Ranges are an important bio-link for environmental health and to the state for its biodiversity values.

The South Gippsland river basin is a major water basin, but does not form a single major river system, instead the many smaller river systems flow to local estuaries or the sea.



Climate

The climate is typically seasonal with a high average rainfall of 1,078mm. Temperature variations are:

- Average minimum temperature 11.3°C
- Average maximum temperature 21.6°C
- Temperature extremes typically vary from -2°C to +40°C

The Impacts of Climate Change

The South Gippsland Shire sits within the Victorian Government's West Gippsland Region (Climate Change) Profile¹².

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.

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.

¹² [WestGippsland WEB.pdf](#)

Fire History Summary

Bushfire¹³

The vast majority of bushfires¹⁴ in South Gippsland, some 81.5%, occur in a mixture of scrub, bush and grass type vegetation. Grass fires account for some 15.3% while forest or woods fires account for only 3.2% of all bushfires. Around 57% of all bushfires are contained to less than one hectare in size. The ignition factor of many fires is unknown, around 16%, however of the known causes of ignition the top four ignition factors for bushfires are:

- Unattended or inadequately controlled fires in the open 20.8%
- Deliberately lit or suspicious fires 12.9%
- Fuel reduction burns private 10.8%
- Lightning 9.7%

About 78 % of South Gippsland is made up of “freehold” land e.g. farming, business, and residential. While public land (National Parks, State Forests and Conservation Reserves) make up some 22%.

Past major and significant bushfires in the South Gippsland Shire are detailed below:

2013: 27 – 28 March Hallston - Fire started from a DSE (now DEPI) planned burn and burnt 562 hectares. Losses included Public land (267 Ha), pine and blue gum plantation (151 Ha), private forest (95 Ha) and private pasture (49 Ha).

2009: January – February - During the period January to February 2009 there were two major bushfires in the South Gippsland area, the Delburn Complex Fire (6,440 ha) and the Wilsons Promontory - Cathedral Fire (25,200 ha). The Delburn Complex Fire was deliberately lit and directly impacted 128 properties in the Darlimurla, Mirboo North and Boolarra areas. The Wilsons Promontory fire was caused by lightning and was contained within the Park but closed the Park for over 5 weeks. The impact on tourism businesses was again significant.

2005: Wilsons Promontory - Fire burnt approximately 6,100 hectares of Wilson’s Promontory National Park¹⁵ causing the evacuation of the park. The impact of the fire on tourism business was significant with a loss of business income, substantial cancellations of bookings and a huge reduction in forward bookings for accommodation establishments.

1967: Wilsons Promontory - Fire started by lightning burnt 6,070 hectares.

1967: Nyora area - Fire burnt 404 hectares in the “sand pit” area.

1951: Wilsons Promontory - Fire originating in the Cotters Lake area burnt approximately 30,000 hectares or 75% of what is now the Wilsons Promontory National Park.

1942: 3 - 4 March - Fires in South Gippsland caused one human fatality, large losses of stock and destroyed more than 20 homes and 2 farms.

1898: 1 February “Red Tuesday” – Fire in South Gippsland burnt 260,000 hectares. Twelve lives were lost and more than 2,000 buildings were destroyed.

¹³ CFA Fire Incident Reporting system (2000 to 2010) & DSE Fireweb incident reporting system (July 2002 to December 2011)

¹⁴ Bushfire is a generic term for all types of vegetation fires

¹⁵ [Wilsons Prom Bushfire Report 2005](#)



Structure Fire

During the financial year period of 2000/2001 and 2010/2011 the average number of structure fires were 23.4 per financial year, or 10.4 structure fires per 1,000 head of population.

During this period residential house and residential garage fires made up 66 % of all structure fires. For all other types of structure fires (e.g. Commercial, General storage, Livestock production) each recorded less than 12 incidents over the same period.

Past major and significant commercial or industrial structural fires include (but are not limited to):

May 2010 - Henrietta's Café (1920's building) totally destroyed at a cost of around \$2 Million

1993 – Korumburra High School, one third of a wing destroyed and was rebuilt.

1982 – Korumburra Picture Theatre was destroyed and has never been rebuilt.

March 1976 – At the Port Welshpool Jetty Fire, the ship "Western Spruce" was destroyed by explosion and fire resulting in three deaths and 20 people injured.

1975 – Korumburra Mechanics Institute Hall was destroyed and has never been rebuilt.

Residential fires – Since 1955 residential fires have claimed the life of one person.

Fires Involving Chemicals

During the financial year period of 2000/2001 and 2010/2011 no fires involving chemicals¹⁶ have occurred in South Gippsland¹⁷.

Fire Management Priorities (Values)

In developing this plan the MFMPC has adopted the State priorities¹⁸ as the fire management priorities. They are:

- Protection and preservation of life.
- Educated and informed communities.
- 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.
- Protection of environmental and conservation values that consider the cultural, biodiversity, and social values of the environment.

¹⁶ As opposed to "chemical spills"

¹⁷ CFA Fire Incident Reporting System (FIRS)

¹⁸ [Building New foundations Fire Services Commissioner](#)

Part 4 – Fire Management Objectives

Plan Aim

This plan aims to:

- Identify fire risks and provide for a collaborative approach to mitigation strategies.
- Document treatments and agency/community/business responsibilities for reducing the impact of fire on the communities of South Gippsland.
- Provide a consistent risk assessment to provide a basis for community consultation and the discussion of community concerns.

Plan Objectives

Municipal Objectives	Gippsland Regional Objectives
<p>Key Theme 1 Planning together</p> <p>The South Gippsland Municipal Fire Management Planning Committee (MFMP) will consist of appropriate representatives from relevant fire agencies, local government and other agencies as appropriate. The committee will meet at least quarterly.</p> <p>The South Gippsland MFMP will:</p> <ul style="list-style-type: none"> • Carry out a municipal risk assessment and treatment analysis using an agreed consistent process i.e. Victorian Fire Risk Register Bushfire (VFRR-B) • Use municipal environmental scan data to inform the planning process. • 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. 	<p>Key Theme 1 Planning together</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:</p> <ul style="list-style-type: none"> • 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 • Ensure each MFMP has access to demographic, climate and population statistics and forecasts for their municipality to assist in the planning process • 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.



Municipal Objectives	Gippsland Regional Objectives
<p>Key Theme 2 <i>Implementing collaboratively</i></p> <p>Member agencies of the South Gippsland MFMPC will actively support the municipal planning process through the provision of appropriate staff, expertise and data.</p> <p>Member agencies of the South Gippsland MFMPC will contribute to the delivery of agreed works and treatments through inclusion in their agency business plans.</p> <p>For bushfire the South Gippsland MFMPC will work with adjoining municipalities to ensure a seamless approach to fire management across boundaries.</p>	<p>Key Theme 2 <i>Implementing collaboratively</i></p> <p>Member agencies of the Gippsland RSMPC will actively support the municipal planning process through the provision of appropriate staff, expertise and data.</p> <p>Member agencies of the Gippsland RSMPC will contribute to the delivery of agreed works and treatments through inclusion in their agency business plans.</p> <p>For bushfire the RSMPC 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 RSMPC will work with adjoining regions and the NSW fire services to ensure a seamless approach to bushfire management across boundaries.</p>
<p>Key Theme 3 <i>Building knowledge</i></p> <p>The South Gippsland MFMPC will review municipal risks and treatments annually and provide any amendments to the MEMPC and the Gippsland RSMPC.</p> <p>The South Gippsland MFMP will be reviewed for currency annually, after a major incident or as directed under legislation.</p>	<p>Key Theme 3 <i>Building knowledge</i></p> <p>The RSMPC 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>Key Theme 4 <i>Building capacity</i></p> <p>The South Gippsland MFMPC will actively seek opportunities for stakeholder collaboration to improve outcomes for communities and to reduce duplication and agency workloads.</p>	<p>Key Theme 4 <i>Building capacity</i></p> <p>The RSMPC will actively seek opportunities for agency collaboration to improve outcomes for communities and to reduce duplication and agency workloads</p>
<p>Key Theme 5 <i>Using fire</i></p> <p>The South Gippsland MFMPC will actively encourage the use of planned fire to achieve positive ecological and community safety outcomes.</p> <p>The South Gippsland 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>Key Theme 5 <i>Using fire</i></p> <p>The RSMPC 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 assist in the coordination of fire mitigation works and treatments across all land tenures, the community/business and all agencies.
- That fire management across the municipality is carried out in an orderly and coordinated manner.
- Develop a list and map identifying fuel break systems and fire access road networks to aid in the mitigation of bushfire.
- 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.

Links to Other Plans

Primarily the 'links to other plans' table represents other agency/organisation plans relating to the PRR spectrum, refer **Attachment F**.

Links to Other Organisations

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

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

Department of Environment and Primary Industries: [Department of Environment and Primary Industries](#) (previously DSE)

Fire Services Commissioner Victoria: [The Fire Services Commissioner](#)

HVP Plantations: [Hancock Victorian Plantations](#)

Municipal Association Victoria: [MAV](#)

Parks Victoria: [Parks Victoria](#)

South Gippsland Shire Council: [south gippsland shire council](#)

Vic Track: [VicTrack](#)

VicRoads: [VicRoads](#)



Photo courtesy of PV



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.

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
- roadside vegetation management by VicRoads, DEPI and municipal councils (a standard suite of treatments, broadly applied which includes: slashing, burning, spraying and mechanical clearing)
- Council patrols and inspections
- emergency management signage
- Event Management Plans
- routine asset maintenance
- Bushfire Attack Level assessments for new buildings proposals

Where the 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 - Bushfire¹⁹ (VFRR-B) data, with current treatments then taken into account to establish a level of residual risk.

¹⁹[VFRR-B Handout](#)

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 Bushfire Royal Commission (VBRC) into the 2009 Fires 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 Guides²⁰ (CIG), refer **Attachment C-2**
- Neighbourhood Safer Place - Place of Last Resort (NSP-PLR), refer **Attachment C-3**
- Fire Refuges – none located in South Gippsland, refer **Attachment C-4**
- Increased level of prescribed burning on public land; refer Multi Agency Workplan, **Attachment B.**
- implement a systematic Statewide program of bushfire risk assessment for all roads and provision to ensure conformity with the obligations in Section.43²¹ of the *Country Fire Authority Act 1958* and with the objectives expressed in the *VicRoads 1985 Code of Practice*, refer **Attachment G and I.**



Photo courtesy of CFA and DSE (now DEPI)

²⁰ Formerly known as Township Protection Plans

²¹ [Country Fire Authority Act 1958 - SECT 43](#)

Structure Fire Risk Treatments

Structure fire risk in the South Gippsland municipality consists of a mix of residential, commercial and industrial premises with the large towns of Leongatha and Korumburra. Smaller towns such as Mirboo North and Foster 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
- 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.



Murray Goulburn factory, Leongatha

Essential Safety Measures Procedures and Building Inspections

South Gippsland Council is responsible under Section 212 of the *Building Act 1993*²² 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 legislation²³. Victoria's essential safety measures legislation requires building owners to maintain the essential safety measures to the required levels and complete a report on annual basis.

It is necessary to ensure that buildings associated with high risk in relation to life safety such as hospitals, aged care facilities, hotels/motels and B&Bs are identified and prioritized for inspection. An assessment of the different "building uses" has been undertaken by Council to determine the level of risk in relation to life safety and the frequency of inspection.

Risk Level	Inspection Frequency
High Risk	2 years
Medium Risk	4 years
Low Risk	10 years

Fires Involving Chemicals, Risk Treatments

A range of strategies and treatments exist which are applied consistently across the state and municipality to 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
- 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.

²² [Building Act 1993](#)

²³ [Building Commission - Essential safety measures](#)

Multi Agency Worksplan

Following the risk identification, analysis and evaluation process to 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**.



Courtesy of HVP Plantations

Part 6 – Improvement, Plan Reporting and Review Process

South Gippsland 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 Municipal Fire Prevention Plan (MFPP). This Municipal Fire Management Plan (MFMP) is also sub plan of the MEMP and is also required to meet the same legislative requirements as the MFPP. When endorsed and adopted the MFMP will replace the MFPP.

Audit Plan

This MFMP complies with 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

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*. It is acknowledged that the audit process and planning cycles may change as the IFMP framework and planning processes evolve in the future.

The plan will be reviewed and updated annually taking into account works completed, environmental changes and any additional risks. Significant changes must be approved by the committee and articulated through the Municipal Emergency Management Planning Committee (MEMPC) for 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,
- As required by legislation.

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



Part 7 – Attachments

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
Attachment B	Multi Agency Worksplan
Attachment C-1	Hazard Trees Identification (<i>Electricity Safety Act (1998)</i>)
Attachment C-2	Community Information Guides – Bushfire
Attachment C-3	Neighbourhood Safer Places/ Places of Last Resort
Attachment C-4	Community Fire Refuges
Attachment D	Community and Stakeholder Engagement Plan
Attachment E	Maps
Attachment F	Links to other plans
Attachment G	Fire Access Roads / Egress Tracks
Attachment H	Static Water Supplies
Attachment I	Fuel Management Breaks
Attachment J	MFMPD Membership and Stakeholder Distribution List
Attachment K	Glossary
Attachment L	Acronyms
Attachment M	References



Page Intentionally Blank



Date: 14 March 2012

Review Date: May 2013

VFRR Asset ID	Description	Risk Category	Sub-Asset Type	Likely Scenario is based on the McArthur Forest Fire Danger Indices (FFDI) rating of 100 (refer page 43)	Likely Scenario	Raw Risk Rating	Existing Treatments	Likelihood	Consequence	Residual Risk Rating	Further Treatment Required Y/N	Treatment Recommendation	Treatment Priority	Detail/Comments
69056	Bena	Bushfire	Human Settlement - Residential Other	Direct Fire attack from grassland to the NW	Medium	100 Community Education, CFA	Unlikely	Minor	Low	N				
69063	Buffalo	Bushfire	Human Settlement - Residential Other	Direct Fire attack from grassland to the North	Medium	100 Community Education, CFA 223 Roadside Veg Mngt, VicRoads (Full length of Road. Full width cut from road shoulder to fence line – excluding areas where there are stands of native vegetation).	Unlikely	Minor	Low	N				VicRoads letter 5 Dec 2013 and ongoing annual works plan
69062	Darlimurla Estate, Mirboo Nth	Bushfire	Human Settlement - Residential Other	Direct Fire attack from forest to the NW-NE, including ember attack	Very High	100 Community Education, CFA 106 CFG, CFA 405 Emergency Water Supply, LGA/CFA	Possible	Major	High	Y	Monitor vegetation regrowth annually to 2016			Burnt Feb 2009. Additional water tank funded post 2009 fires brings total to three on the estate. Natural vegetation will grow back around 2016; review growth yearly.
69022	Dumbalk	Bushfire	Human Settlement - Residential	Direct Fire attack from grassland to the North through to the NW	Medium	100 Community Education, CFA 404 FP & Hyd Install. & Maint, LGA	Unlikely	Minor	Low	N				Dumbalk PS no longer operates.
69010	Fish Creek	Bushfire	Human Settlement - Residential	Direct Fire attack from grassfire	Medium	100 Community Education, CFA 106 CFG, CFA 223 Roadside Veg Mngt, VicRoads (Full length of Road. Full width cut from road shoulder to fence line – excluding areas where there are stands of native vegetation) 404 FP & Hyd Install. & Maint, LGA	Unlikely	Moderate	Low	N				Grassland heavily grassed > 60m. VicRoads letter 5 Dec 2013 and ongoing annual works plan
69081	Fish Creek and District PS	Bushfire	Human Settlement - SFP	Inside Medium polygon	High	212 Routine Site Maint, DEECD 407 Emergency Mngt Plan, DEECD	Unlikely	Moderate	Low	N				

VFRR Asset ID	Description	Risk Category	Sub-Asset Type	Likely Scenario	Raw Risk Rating	Existing Treatments	Likelihood	Consequence	Residual Risk Rating	Further Treatment Required Y/N	Treatment Recommendation	Treatment Priority	Detail/Comments
69012	Foster	Bushfire	Human Settlement - Residential	Direct Fire attack from NW, North through to NE, including ember attack	Medium	100 Community Education, CFA 231 Planned burn program, DEPI 203 Slashing program, DEPI 307 Ranger patrols, PV 404 FP & Hyd Install. & Maint, LGA 416 Fire Access Road/Track, DEPI	Unlikely	Moderate	Low	N			
69078	Foster PS	Bushfire	Human Settlement - SFP	Same as township	Low	212 Routine Site Maint, DEECD 407 Emergency Mngt Plan, DEECD	Unlikely	Moderate	Low	N			
69033	Camp Rumbug, 90 Dollar Woorarra West Rd, Foster Nth	Bushfire	Human Settlement - SFP	Direct Fire attack from 360 degrees but in particular from bushland up hill to the property	Extreme	107 FRV, CFA 409 Emergency Mngt Plan, other	Possible	Minor	Low	N			Up to 240 people.
69077	South Gippsland SC, Foster	Bushfire	Human Settlement - SFP	Same as township	High	212 Routine Site Maint, DEECD 407 Emergency Mngt Plan, DEECD	Unlikely	Moderate	Low	N			
69066	Jumbunna	Bushfire	Human Settlement - Residential Other	Direct fire attack from grassland to the West and North	Medium	100 Community Education, CFA	Unlikely	Minor	Low	N			Grassland > 60m.
69055	Kongwak	Bushfire	Human Settlement - Residential Other	Direct Fire attack from grassland to the W and N, including ember attack	High	100 Community Education, CFA 106 CFG, CFA 231 Burn Program, LGA 405 Static Water Supply, CFA 422 Reserve Mngt plan, LGA	Unlikely	Minor	Low	N			Grassland.
69083	Kongwak PS	Bushfire	Human Settlement - SFP	Same as township	High	212 Routine Site Maint, DEECD 407 Emergency Mngt Plan, DEECD	Unlikely	Minor	Low	N			

VFR Asset ID	Description	Risk Category	Sub-Asset Type	Likely Scenario	Raw Risk Rating	Existing Treatments	Likelihood	Consequence	Residual Risk Rating	Further Treatment Required Y/N	Treatment Recommendation	Treatment Priority	Detail/Comments
69019	Koonwarra	Bushfire	Human Settlement - Residential	Direct Fire attack from forest to the North and West, including ember attack.	Very High	100 Community Education, CFA 106 CFG, CFA 231 Burn Program, LGA; 404 FP & Hyd Install. & Maint, LGA 420 CIG, CFA 422 Reserve Mngt plan, LGA 501 Section 173 Agreements LGA	Possible	Moderate	Medium	N			Grassy woodland. Moderate due to partial reticulated water with low pressure/capacity.
69025	Korumburra	Bushfire	Human Settlement - Residential	Direct Fire attack from grassland to the North through to the NW	Medium	100 Community Education, CFA 209 Routine Maint Rail Line, VicTrack; 218 Power line clearance, LGA 422 Reserve Mngt plan, LGA 404 FP & Hyd Install. & Maint, LGA	Unlikely	Minor	Low	N			Managed grassland > 60m
69048	Korumburra Tourist Park, 56 Bourke St	Bushfire	Human Settlement - SFP	Direct Fire attack from grassland to the North	Very High	212 Routine Site Maint, DEECD 409 Emergency Mngt Plan	Unlikely	Minor	Low	N			
69049	Korumburra Secondary College	Bushfire	Human Settlement - SFP	Direct Fire attack from grassland to the West	High	212 Routine Site Maint, DEECD 407 Emergency Mngt Plan, DEECD	Unlikely	Minor	Low	N			
69085	Korumburra PS	Bushfire	Human Settlement - SFP	Same as township	Low	212 Routine Site Maint, DEECD 407 Emergency Mngt Plan, DEECD	Unlikely	Minor	Low	N			
69086	St Joseph's School, Korumburra	Bushfire	Human Settlement - SFP	Same as township	Low	212 Routine Site Maint, DEECD 407 Emergency Mngt Plan, DEECD	Unlikely	Minor	Low	N			

VFR Asset ID	Description	Risk Category	Sub-Asset Type	Likely Scenario is based on the McArthur Forest Fire Danger Indices (FFDI) rating of 100 (refer page 43)	Raw 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 Rating	Further Treatment Required Y/N	Treatment Recommendation	Treatment Priority	Detail/Comments
69018	Leongatha	Bushfire	Human Settlement – Residential	Direct Fire attack from grassland to the North through to the NW	Medium	100 Community Education, CFA 209 Routine Maint Rail Line, VicTrack 223 Roadside Veg Mngt, VicRoads (Leongatha to Shire boundary. Full width cut from road shoulder to fence line – excluding areas where there are stands of native vegetation) 218 Power line clearance, LGA 404 FP & Hyd Install. & Maint, LGA	Unlikely	Minor	Low	N			Grassland. 100m polygon around township. VicRoads letter 5 Dec 2013 and ongoing annual works plan
69070	Mary Mackillop Catholic College, Leongatha	Bushfire	Human Settlement – SFP	Same as township	High	212 Routine Site Maint, DEECD 407 Emergency Mngt Plan, DEECD	Unlikely	Minor	Low	N			
69071	South Coast Christian College, Leongatha	Bushfire	Human Settlement – SFP	Same as township	High	212 Routine Site Maint, DEECD 407 Emergency Mngt Plan, DEECD	Unlikely	Minor	Low	N			
69072	St Laurence O’Toole PS, Leongatha	Bushfire	Human Settlement – SFP	Same as township	Low	212 Routine Site Maint, DEECD 407 Emergency Mngt Plan, DEECD	Unlikely	Minor	Low	N			
69073	Leongatha PS	Bushfire	Human Settlement – SFP	Same as township	High	212 Routine Site Maint, DEECD 407 Emergency Mngt Plan, DEECD	Unlikely	Minor	Low	N			
69074	South Gippsland Specialist School, Leongatha	Bushfire	Human Settlement – SFP	Same as township	High	212 Routine Site Maint, DEECD 407 Emergency Mngt Plan, DEECD	Unlikely	Minor	Low	N			
69075	Leongatha SC	Bushfire	Human Settlement – SFP	Same as township	High	212 Routine Site Maint, DEECD 407 Emergency Mngt Plan, DEECD	Unlikely	Minor	Low	N			
	Li'l Rascals Early Learning Centre Leongatha	Bushfire	Human Settlement – SFP	Same as township	High	212 Routine Site Maint, DEECD 407 Emergency Mngt Plan, DEECD	Unlikely	Minor	Low	N			48 - 52 Brown Street Leongatha
	South Gippsland Family Day Care Leongatha	Bushfire	Human Settlement – SFP	Same as township	High	212 Routine Site Maint, DEECD 407 Emergency Mngt Plan, DEECD	Unlikely	Minor	Low	N			3 Church Street

VFR Asset ID	Description	Risk Category	Sub-Asset Type	Likely Scenario	Raw Risk Rating	Existing Treatments	Likelihood	Consequence	Residual Risk Rating	Further Treatment Required Y/N	Treatment Recommendation	Treatment Priority	Detail/Comments
69029	Loch	Bushfire	Human Settlement - Residential	Likely Scenario is based on the McArthur Forest Fire Danger Indices (FFDI) rating of 100 (refer page 43) Direct Fire attack from grassland to the North	Medium	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 100 Community Education, CFA 209 Routine Maint Rail Line, VicTrack 404 FP & Hyd Install. & Maint, LGA	Unlikely	Minor	Low	N			Managed grassland > 60m. PS & bowling club inside polygon.
69084	Loch PS	Bushfire	Human Settlement - SFP	Same as township	High	212 Routine Site Maint, DEECD 407 Emergency Mngt Plan, DEECD	Unlikely	Minor	Low	N			
69020	Meeniyan	Bushfire	Human Settlement - Residential	Direct Fire attack from grassland form the NW-NE	Medium	100 Community Education, CFA 231 Planned Burn Program, DEPI 203 Slashing program, DEPI 404 FP & Hyd Install. & Maint, LGA	Unlikely	Minor	Low	N			
69076	Tarwin Valley PS, Meeniyan	Bushfire	Human Settlement - SFP	Same as township	High	212 Routine Site Maint, DEECD 407 Emergency Mngt Plan, DEECD	Unlikely	Minor	Low	N			
69065	Mirboo	Bushfire	Human Settlement - Residential Other	Direct fire attack from grassland to the West and North	High	100 Community Education, CFA	Unlikely	Minor	Low	N			Grass hills around. Not all bush closer in, has modified vegetation. Sits on a basin down near the river. Threat unlikely.
69023	Mirboo North	Bushfire	Human Settlement - Residential	Direct Fire attack from forest to the NW and NE, including ember attack	Very High	100 Community Education, CFA 201 Burn Program, LGA; 231 Planned Burn Program, DEPI 203 Slashing program, DEPI 404 FP & Hyd Install. & Maint, LGA 412 Emergency Water Supply, LGA 416 Fire Access Road/Track, DEPI 422 Reserve Mngt plan, LGA 501 Section 173 Agreements LGA	Possible	Major	High	Y	To get the Community fully engaged in planning for bushfire need to look at other avenues of Community Education i.e. development of community spokes persons.		SW (south of road) corner not as vulnerable.
69069	Mirboo North SC	Bushfire	Human Settlement - SFP	Same as township	Extreme	212 Routine Site Maint, DEECD 407 Emergency Mngt Plan, DEECD	Possible	Major	High	Y	Same as township		
69087	Mirboo North PS	Bushfire	Human Settlement - SFP	Same as township	Extreme	212 Routine Site Maint, DEECD 407 Emergency Mngt Plan, DEECD	Possible	Major	High	Y	Same as township		

VFR Asset ID	Description	Risk Category	Sub-Asset Type	Likely Scenario is based on the McArthur Forest Fire Danger Indices (FFDI) rating of 100 (refer page 43)	Raw 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 Rating	Further Treatment Required Y/N	Treatment Recommendation	Treatment Priority	Detail/Comments
				Likely Scenario		Existing Treatments							
	St Andrew's Child Care Centre Mirboo North	Bushfire	Human Settlement - SFP	Same as township	Extreme	212 Routine Site Maint, DEECD 407 Emergency Mngt Plan, DEECD	Possible	Major	High	Y	Same as township		23 Ridgway Street Mirboo North
	Mirboo North Kindergarten	Bushfire	Human Settlement - SFP	Same as township	Extreme	212 Routine Site Maint, DEECD 407 Emergency Mngt Plan, DEECD	Possible	Major	High	Y	Same as township		8 Brennan Street
69030	Nyora	Bushfire	Human Settlement - Residential	Direct Fire attack from grassland to the North	Medium	100 Community Education, CFA 209 Routine Maint Rail Line, VicTrack 404 FP & Hyd Install. & Maint, LGA	Unlikely	Minor	Low	N			Mix of vegetation
69053	McDonalds Track/Cherry Tree Road Subdivision	Bushfire	Human Settlement - Residential	Direct Fire attack from forest to the West, grassland to the North including ember attack.	Extreme	100 Community Education, CFA 106 CFG, CFA 231 Planned burn program, DEPI 412 Emergency Water Supply, LGA 413 Fire access road/track, LGA 420 CIG, CFA 422 Reserve Mngt plan, LGA 501 Section 173 Agreements LGA	Possible	Major	High	Y	Requires further consultation		High vulnerability area
69082	Nyora PS	Bushfire	Human Settlement - SFP	Same as township	High	212 Routine Site Maint, DEECD 407 Emergency Mngt Plan, DEECD	Unlikely	Minor	Low	N			
69032	REMAR (DHS Rehab Centre). 955 MacDonalds Track, Nyora	Bushfire	Human Settlement - SFP	Direct Fire attack from heavy bushland to the North through to the West. NB: near HVP plantations.	Extreme	107 FRV, CFA 409 Emergency Mngt Plan, other	Possible	Moderate	Medium	N			Up to 30 people on site
69031	Poowong	Bushfire	Human Settlement - Residential	Direct Fire attack from grassland to the West through to the North	Medium	100 Community Education, CFA 106 CFG, CFA 404 FP & Hyd Install. & Maint, LGA	Unlikely	Minor	Low	N			Grassland heavily grassed > 60m.
69067	Poowong Consolidated School	Bushfire	Human Settlement - SFP	Direct Fire attack from grasslands to the North	High	212 Routine Site Maint, DEECD 407 Emergency Mngt Plan, DEECD	Unlikely	Minor	Low	N			

VFRR Asset ID	Description	Risk Category	Sub-Asset Type	Likely Scenario	Raw Risk Rating	Existing Treatments	Likelihood	Consequence	Residual Risk Rating	Further Treatment Required Y/N	Treatment Recommendation	Treatment Priority	Detail/Comments
New	Ringwood SC Bindaree Camp Poowong	Bushfire	Human Settlement - SFP	Likely Scenario is based on the McArthur Forest Fire Danger Indices (FFDI) rating of 100 (refer page 43)		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				Y	To be assessed at VFRR-B Review. Site is derelict, has poor maintenance and may be a risk to the town		Lang Lang - Poowong Road Poowong
69013	Port Franklin	Bushfire	Human Settlement - Residential	Direct Fire attack from NW, grassland	Medium	100 Community Education, CFA 404 FP & Hyd Install. & Maint, LGA	Unlikely	Moderate	Low	N			Fresh water wetland.
69016	Port Welshpool	Bushfire	Human Settlement - Residential	Direct Fire attack from forest to the North and or West, including ember attack.	High	100 Community Education, CFA 231 Planned Burn Program, DEPI 404 FP & Hyd Install. & Maint, LGA 416 Fire Access Road/Track, DEPI 501 Section 173 Agreements	Unlikely	Minor	Low	N			Low vulnerability. Reticulated water supply.
69041	Long Jetty Caravan Park, 6 Port Welshpool Rd, Port Welshpool	Bushfire	Human Settlement - SFP	Direct Fire attack from coastal scrub to the North	Very High	100 Community Education, CFA 207 Fuel Hazard Mngt, C of M	Possible	Major	High	Y	Caravan Park as at March 2013 is not registered with Council. Council (with CFA assistance) to work with Mngt to develop an effective EMP to enable registration		Coastal (Scrub) Committee of Mngt is SGSC
69007	Sandy Point	Bushfire	Human Settlement - Residential	Fire start from within the township spreading through vegetation within town. Direct Fire attack from grassland to NW.	Very High	100 Community Education, CFA 107 FRV, CFA 203 Slashed Fuel breaks, DEPI 412 Emergency Water Supply, LGA 420 CIG, CFA 501 Section 173 Agreements LGA	Possible	Major	High	Y	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.		High vulnerability. Seasonal Population
69061	Sandy Point Beach Access (Surf Club and Ned Neales Lookout)	Bushfire	Human Settlement - SFP	Direct Fire attack from coastal scrub to the NW and down coastal strip.	High	205 Fuel Hazard Mngt, C of M 412 Emergency Water Supply (at Surf Club only) , LGA	Unlikely	Minor	Low	Y	As above		Coastal (Scrub) Committee of Mngt
69036	Sandy Point Caravan Park	Bushfire	Human Settlement - SFP	Direct Fire attack from grassland to the NW, and from within township/caravan park.	High	100 Community Education, CFA 409 Emergency Mngt Plan, other	Possible	Major	High	Y	Caravan Park as at March 2012 is not registered with Council. Council (with CFA assistance) to work with park management to achieve registration		Coastal (Scrub)
69064	Stony Creek	Bushfire	Human Settlement - Residential Other	Direct Fire attack from grassland to the North	Medium	100 Community Education, CFA	Unlikely	Minor	Low	N			

VFRR Asset ID	Description	Risk Category	Sub-Asset Type	Likely Scenario	Raw Risk Rating	Existing Treatments	Likelihood	Consequence	Residual Risk Rating	Further Treatment Required Y/N	Treatment Recommendation	Treatment Priority	Detail/Comments
69014	Tarwin Lower	Bushfire	Human Settlement - Residential	Direct Fire attack from (grass) within, South and or East.	Medium	100 Community Education, CFA 412 Emergency Water Supply, LGA 422 Reserve Mngt plan, LGA 501 Section 173 Agreements	Unlikely	Moderate	Low	N			
69080	Tarwin Lower PS	Bushfire	Human Settlement - SFP	Direct Fire attack from (grass) within, South and or East.	High	212 Routine Site Maint, DEECD 407 Emergency Mngt Plan, DEECD	Possible	Moderate	Medium	N			
69008	Tidal River	Bushfire	Human Settlement - SFP	Direct Fire attack from surrounding vegetation, including ember attack	High	203 Slashed Fuel breaks, DEPI 215 Asset protection zone, DEPI, PV 307 Ranger patrols, PV 416 Fire Access Road/Track, DEPI	Possible	Moderate	Medium	N			Up to 4,000 people in summer season
69015	Toora	Bushfire	Human Settlement - Residential	Direct Fire attack, grassland form the North and NW.	Medium	100 Community Education, CFA 223 Roadside Veg Mngt, VicRoads (Toora to Shire boundary. Full width cut from road shoulder to fence line – excluding areas where there are stands of native vegetation) 404 FP & Hyd Install. & Maint, LGA	Unlikely	Minor	Low	N			Grassland. Low vulnerability. VicRoads letter 5 Dec 2013 and ongoing annual works plan
69057	Toora District Nursing Home	Bushfire	Human Settlement - SFP	Direct Fire attack from grassland to the North and West	High	212 Emergency Water Supply, SGSC 409 Emergency Mngt Plan, other	Unlikely	Minor	Low	N			
	Toora Kindergarten	Bushfire	Human Settlement - SFP	Same as township	High	212 Routine Site Maint, DEECD 407 Emergency Mngt Plan, DEECD	Unlikely	Minor	Low	N			25 Grey Street
69079	Toora PS	Bushfire	Human Settlement - SFP	Same as township	High	212 Routine Site Maint, DEECD 407 Emergency Mngt Plan, DEECD	Unlikely	Minor	Low	N			
69040	Toora Tourist Park, South Gippsland Hwy	Bushfire	Human Settlement - SFP	Direct Fire attack from grassland to the North and West	High	100 Community Education, CFA 409 Emergency Mngt Plan, other	Possible	Major	High	Y	Caravan Park as at March 2012 is not registered with Council. Council (with CFA assistance) to work with park management to achieve registration		

VFR Asset ID	Description	Risk Category	Sub-Asset Type	Likely Scenario is based on the McArthur Forest Fire Danger Indices (FFDI) rating of 100 (refer page 43)	Raw 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 Rating	Further Treatment Required Y/N	Treatment Recommendation	Treatment Priority	Detail/Comments
69001	Venus Bay Estate One	Bushfire	Human Settlement - Residential	<p>Direct Fire attack from West-SW coastal scrub into village vegetation, including ember attack.</p> <p>Fire start from within the township spreading through vegetation within town.</p>	Very High	<p>100 Community Education, CFA</p> <p>107 FRV, CFA</p> <p>203 Reducing fuel loads on Crown Land, DEPI</p> <p>307 Patrol/Inspection, PV;</p> <p>412 Emergency Water Supply, LGA</p> <p>420 CIG, CFA</p> <p>501 Section 173 Agreements, LGA</p> <p>223 Roadside Veg Mngt, VicRoads (Inverloch-Venus Bay Road, Toora to Shire boundary. Full width cut from road shoulder to fence line – excluding areas where there are stands of native vegetation).</p>	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.		<p>Coastal (Scrub) Impact depending on wind direction and speed</p> <p>Seasonal Population.</p> <p>VicRoads letter 5 Dec 2013 and ongoing annual works plan</p>
69059	Venus Bay Estate One: Beach Access - Roads 1, 2 and 3	Bushfire	Human Settlement - SFP	Direct Fire attack from coastal scrub to the North and West	Very High	<p>303 Patrol/Inspection, SGSC;</p> <p>307 Patrol/Inspection, PV;</p> <p>405 Emergency Water Supply, Govt agencies</p> <p>424 Coastal Park Mngt Plan, PV;</p>	Possible	Moderate	Medium	N			Coastal (Scrub) Impact depending on wind direction and speed
69002	Venus Bay Estate Two	Bushfire	Human Settlement - Residential	<p>Direct Fire attack from West-SW coastal scrub into village vegetation, including ember attack.</p> <p>Fire start from within the township spreading through vegetation within town.</p>	Very High	<p>100 Community Education, CFA</p> <p>107 FRV, CFA</p> <p>203 Slashed Fuel breaks, DEPI</p> <p>223 Roadside Veg Mngt, VicRoads (Inverloch-Venus Bay Road, Toora to Shire boundary. Full width cut from road shoulder to fence line – excluding areas where there are stands of native vegetation).</p> <p>231 Planned Burn Program, DEPI</p> <p>307 Patrol/Inspection, PV;</p> <p>412 Emergency Water Supply, LGA</p> <p>411 Emergency Water Supply, DEPI</p> <p>420 CIG, CFA</p> <p>422 Reserve Mngt plan,</p> <p>501 Section 173 Agreements, LGA</p>	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.		Coastal scrub. High vulnerability. Seasonal Population

VFR Asset ID	Description	Risk Category	Sub-Asset Type	Likely Scenario	Raw Risk Rating	Existing Treatments	Likelihood	Consequence	Residual Risk Rating	Further Treatment Required Y/N	Treatment Recommendation	Treatment Priority	Detail/Comments
69060	Venus Bay Estate Two: Beach Access - Roads 4 and 5	Bushfire	Human Settlement - SFP	Direct Fire attack from coastal scrub to the North and West	Very High	303 Patrol/Inspection, SGSC; 307 Patrol/Inspection, PV; 405 Emergency Water Supply, Govt agencies Coastal Park Mngt Plan, PV;	Possible	Moderate	Medium	N			Coastal (Scrub)
69054	Venus Bay Estate Three	Bushfire	Human Settlement - Residential Other	Direct Fire attack from coastal scrub to the West and SW coastal scrub into village vegetation, including ember attack. Fire start from within the township spreading through vegetation within town	Very High	100 Community Education, CFA 107 FRV, CFA 203 Slashed Fuel breaks, DEPI 223 Roadside Veg Mngt, VicRoads (Inverloch-Venus Bay Road, Toora to Shire boundary. Full width cut from road shoulder to fence line – excluding areas where there are stands of native vegetation). 411 Water point maintenance, DEPI 416 Fire access track, DEPI 420 CIG, CFA 444 Fire Protection Plan (CLCP, FMP), DEPI 501 Section 173 Agreements LGA	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.		Dense coastal scrub untreatable except for perimeter works.
69045	Venus Bay Caravan Park, 113A Jupiter Blvd	Bushfire	Human Settlement - SFP	Direct Fire attack from coastal scrub to the West-SW, including ember attack.	High	100 Community Education, CFA 409 Emergency Mngt Plan, other Registered Caravan Park 2013	Possible	Major	High	N	Refer Asset 69001, 69002 and 69054 - Venus Bay Estates 1, 2 and 3.		Coastal (Scrub)
69004	Walkerville	Bushfire	Human Settlement - Residential	Direct Fire attack from the West through to the North from forested land into settlement, including ember attack. Fire start from within the settlement spreading through vegetation.	Extreme	100 Community Education, CFA 107 FRV, CFA 231 Planned burn program, DEPI 203 Slashed Fuel breaks, DEPI 307 PV Ranger patrols 412 Emergency Water Supply, LGA 420 CIG, CFA 501 Section 173 Agreements LGA	Unlikely	Major	Medium	N			Coastal (Scrub) Seasonal Population

VFR Asset ID	Description	Risk Category	Sub-Asset Type	Likely Scenario	Raw Risk Rating	Existing Treatments	Likelihood	Consequence	Residual Risk Rating	Further Treatment Required Y/N	Treatment Recommendation	Treatment Priority	Detail/Comments
69005	Promontory View Estate, Walkerville	Bushfire	Human Settlement - Residential	Likely Scenario is based on the McArthur Forest Fire Danger Indices (FFDI) rating of 100 (refer page 43) Direct Fire attack from NW from grassland into settlement. Direct fire attack from forested land to the South, including ember attack.	Very High	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 100 Community Education, CFA 231 Planned burn program, DEPI 203 Slashed Fuel breaks, DEPI 420 CIG, CFA 501 Section 173 Agreements, LGA	Unlikely	Moderate	Low	N			Top end of estate not as vulnerable as the bottom, but leave all in polygon. Moderate vulnerability Seasonal Population, tank water.
69044	Bear Gully Camping Ground, Bear Gully Rd, Walkerville	Bushfire	Human Settlement - SFP	Direct Fire attack from grassland to the North and West	High	203 Slashed Fuel breaks, DEPI 307 Patrol/Inspection, PV 409 Emergency Mngt Plan, other	Unlikely	Moderate	Low	N			
69043	Walkerville Caravan Park, 3 Loop Rd, Walkerville	Bushfire	Human Settlement - SFP	Direct Fire attack from forest to the North and West	Very High	100 Community Education, CFA 231 Planned burn program, DEPI 307 Patrol/Inspection, PV 409 Emergency Mngt Plan, other	Possible	Major	High	Y	Caravan Park as at March 2012 is not registered with Council. Council (with CFA assistance) to work with park management to achieve registration		Committee of Mngt
69035	Waratah Bay Caravan Park	Bushfire	Human Settlement - SFP	Direct Fire attack from the North through to SW from forested land including ember attack	Very High	100 Community Education, CFA 231 Planned burn program, DEPI 409 Emergency Mngt Plan, other	Possible	Major	High	Y	Caravan Park as at March 2012 is not registered with Council. Council (with CFA assistance) to work with park management to achieve registration		Within Town CIG
69034	Camp Waratah Bay, Gale St, Waratah Bay	Bushfire	Human Settlement - SFP	Direct Fire attack from grasslands to the North and East.	Very High	107 FRV, CFA 409 Emergency Mngt Plan, other	Possible	Minor	Low	N			Up to 135 people
69006	Waratah Bay	Bushfire	Human Settlement - Residential	Direct Fire attack from the North and West from forested land into settlement, including ember attack	Very High	100 Community Education, CFA 107 FRV, CFA 231 Planned burn program, DEPI 203 Slashed Fuel breaks, DEPI 307 PV Ranger patrols 412 Emergency Water Supply, LGA 416 Fire Access Road/Track, DEPI 420 CIG, CFA 501 Section 173 Agreements LGA	Unlikely	Major	Medium	N			High vulnerability. Seasonal Population

VFRR Asset ID	Description	Risk Category	Sub-Asset Type	Likely Scenario	Raw Risk Rating	Existing Treatments	Likelihood	Consequence	Residual Risk Rating	Further Treatment Required Y/N	Treatment Recommendation	Treatment Priority	Detail/Comments
69068	Welshpool and District PS	Bushfire	Human Settlement - SFP	Direct Fire attack from grasslands to the west	High	212 Routine Site Maint, DEECD 407 Emergency Mngt Plan, DEECD	Unlikely	Minor	Low	N			
69017	Welshpool	Bushfire	Human Settlement - Residential	Direct Fire attack from grassland to NW	Medium	100 Community Education, CFA 231 Planned Burn Program, DEPI 203 Slashing program, DEPI 404 FP & Hyd Install. & Maint, LGA 223 Roadside Veg Mngt, VicRoads (Toora to Shire boundary. Full width cut from road shoulder to fence line – excluding areas where there are stands of native vegetation)	Unlikely	Minor	Low	N			VicRoads letter 5 Dec 2013 and ongoing annual works plan
69058	Yanakie	Bushfire	Human Settlement - Residential Other	Direct Fire attack from grassland to the North and West	Medium	100 Community Education, CFA 412 Emergency Water Supply, LGA	Unlikely	Minor	Low	N			
69037	Yanakie Beach Caravan Park, Foley Rd	Bushfire	Human Settlement - SFP	Direct Fire attack from grasslands to the West	High	100 Community Education, CFA 409 Emergency Mngt Plan, other	Possible	Major	High	Y	Caravan Park as at March 2012 is not registered with Council. Council (with CFA assistance) to work with park management to achieve registration		Coastal (Scrub)
69038	Shallow Inlet Camping Ground, Lester Rd, Yanakie	Bushfire	Human Settlement - SFP	Direct Fire attack from grassland to the North and East	Extreme	205 Fuel Hazard Mngt, C of M	Unlikely	Moderate	Low	N			Committee of Mngt (C of M)
69039	Shallow Inlet Caravan Park, 350 Lester Rd, Yanakie	Bushfire	Human Settlement - SFP	Direct Fire attack from grassland to the North and East	Very High	100 Community Education, CFA 409 Emergency Mngt Plan, other	Possible	Major	High	Y	Caravan Park as at March 2012 is not registered with Council. Council (with CFA assistance) to work with park management to achieve registration		Committee of Mngt
69212	South Gippsland Hwy	Bushfire	Economic - Infrastructure		Very High	223 Roadside Veg Mngt, VicRoads (Toora to Shire boundary. Full width cut from road shoulder to fence line – excluding areas where there are stands of native vegetation)							VicRoads letter 5 Dec 2013 and ongoing annual works plan

VFRR Asset ID	Description	Risk Category	Sub-Asset Type	Likely Scenario is based on the McArthur Forest Fire Danger Indices (FFDI) rating of 100 (refer page 43)	Raw 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 Rating	Further Treatment Required Y/N	Treatment Recommendation	Treatment Priority	Detail/Comments
69202	Strzelecki Hwy	Bushfire	Economic - Infrastructure		Very High	Generic treatments refer Part 5							
69203	Foster Promontory Rd	Bushfire	Economic - Infrastructure		Very High	Generic treatments refer Part 5							
69213	Bass Hwy	Bushfire	Economic - Infrastructure		Very High	223 Roadside Veg Mngt, VicRoads (Leongatha to Shire boundary. Full width cut from road shoulder to fence line – excluding areas where there are stands of native vegetation)							VicRoads letter 5 Dec 2013 and ongoing annual works plan
69204	Barry Rd, Barry's Beach	Bushfire	Economic - Infrastructure		High	Generic treatments refer Part 5							Access to Barry's Beach Terminal and Port Anthony
69231	Meeniyan Promontory Rd	Bushfire	Economic - Infrastructure		Very High	223 Roadside Veg Mngt, VicRoads (Full length of Road. Full width cut from road shoulder to fence line – excluding areas where there are stands of native vegetation)							VicRoads letter 5 Dec 2013 and ongoing annual works plan
69223	Holmes Hill and Foster North Communications Towers	Bushfire	Economic - Infrastructure	Direct Fire attack from surrounding grasslands.	Extreme								
69224	Emergency Communications Towers: 1) Mt Fatigue 2)Sth Loch 3) Mt Oberon 4) Austin's Hill	Bushfire	Economic - Infrastructure	Direct fire attack from grasslands.	Medium	409 Emergency Mngt Plan (Repeater Trailer available)							SMR Network DEPI Repeater Tower Local impact as Repeater Trailer can be put in place quickly
69205	Murray Goulburn Transmission Line	Bushfire	Economic - Infrastructure		Extreme					Y	Consultation required with SP AusNet		
69210	Leongatha WTP	Bushfire	Economic - Infrastructure		High	214 Routine Asset Site Maintenance, utility 406 Emergency Mngt Plan, utility				Y	Consultation required with South Gippsland Water		South Gippsland Water

VFR Asset ID	Description	Risk Category	Sub-Asset Type	Likely Scenario	Raw Risk Rating	Existing Treatments	Likelihood	Consequence	Residual Risk Rating	Further Treatment Required Y/N	Treatment Recommendation	Treatment Priority	Detail/Comments
69211	Korumburra WWTP	Bushfire	Economic - Infrastructure	Likely Scenario is based on the McArthur Forest Fire Danger Indices (FFDI) rating of 100 (refer page 43)	Medium	214 Routine Asset Site Maintenance, utility 406 Emergency Mngt Plan, utility				Y	Consultation required with South Gippsland Water		
69229	Mirboo North WTP	Bushfire	Economic - Infrastructure		High	214 Routine Asset Site Maintenance, utility 406 Emergency Mngt Plan, utility				Y	Consultation required with South Gippsland Water		Delburn Complex Fires 2009 Gippsland Water
69235	Mirboo North WPS	Bushfire	Economic - Infrastructure		Medium	214 Routine Asset Site Maintenance, utility 406 Emergency Mngt Plan, utility				Y	Consultation required with South Gippsland Water		Delburn Complex Fires 2009
69230	Mirboo North WWTP	Bushfire	Economic - Infrastructure		Medium	214 Routine Asset Site Maintenance, utility 406 Emergency Mngt Plan, utility				Y	Consultation required with South Gippsland Water		Delburn Complex Fires 2009
69214	Hardwood Plantations	Bushfire	Economic - Infrastructure		Extreme	205 Fuel Hazard Mngt, Other;225 231 Burns Program, DEPI/PV 300 Ignition Mngt, HVP 411 Emergency Water Supply, HVP 409 Emergency Mngt Plan (Site) 413 Fire Access Roads/Tracks,				Y	Consultation required with HVP		
69215	Softwood Plantations	Bushfire	Economic - Infrastructure		Extreme	205 Fuel Hazard Mngt, Other 231 Burns Program, DEPI/PV 300 Ignition Mngt, HVP 411 Emergency Water Supply, HVP 409 Emergency Mngt Plan (Site), Other 413 Fire Access Roads/Tracks,				Y	Consultation required with HVP		
69227	Leongatha Airfield	Bushfire	Economic - Infrastructure	Direct Fire attack from grasslands = No. Smoke impact only.	Low	411 Emergency Water Supply, private owner,	Unlikely	Minor	Low	N			Economic - Agricultural use and DEPI air base Leongatha Aerodrome Users Pty Ltd

VFRR Asset ID	Description	Risk Category	Sub-Asset Type	Likely Scenario is based on the McArthur Forest Fire Danger Indices (FFDI) rating of 100 (refer page 43)	Raw 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 Rating	Further Treatment Required Y/N	Treatment Recommendation	Treatment Priority	Detail/Comments
				Likely Scenario		Existing Treatments							
69228	Yanakie Airbase	Bushfire	Economic - Infrastructure	Direct Fire attack from heathland, coastal wattle and grasslands = No	Low	203 Reducing fuel loads on Crown Land, DEPI 224 Remove vegetation on roadside into air base 411 Emergency Water Supply (90K KL), DEPI 416 Fire Access Road/Track, DEPI 444 Fire Protection Plan (CLCP, FMP), DEPI	Unlikely	Minor	Low	N			Wilsons Prom Fires 2009 - impact from east but spread & reach = No
69232	Barry's Beach Port Facility (ESSO)	Bushfire	Economic - Infrastructure	Direct Fire impact from east = No	Low	212 Routine Site Maint, other; 409 Emergency Mngt Plan, other	Unlikely	Minor	Low	N			
69234	Sandy Point Telephone Exchange where cable comes up from Gnd to Bldg	Bushfire	Economic - Infrastructure		Low		Unlikely	Minor	Low	N			Telstra Tower fibre optic link to Tasmania
69226	Toora Wind Farm	Bushfire	Economic - Infrastructure	Towers relatively fire proof. Direct fire attack from grasslands unlikely but may spread and reach sub-station	Low		Unlikely	Minor	Low	N			
69216	Wilsons Promontory NP	Bushfire	Economic - Tourist & Recreational	Flow on impacts of local businesses to regional level	Very High	203 Slashing program, DEPI 231Planned Burn Program, DEPI							Two major fire events (that close NP or significant parts of it to the public) - 2005 & 2009
69221	Mossvale Park Music Festivals	Bushfire	Economic - Tourist & Recreational	Grass fire in area would result in evacuation/cancellation of event.	Medium					Y	Requires further consultation with SG Shire Council. Event requires a POPE		Mossvale Park Music Festival, Mossvale Park Music for the People Feb-March Up to 2000 people
69222	Korumburra Working Horse and Tractor Rally	Bushfire	Economic - Tourist & Recreational	Direct Fire attack from grasslands surrounding	Medium								

VFR Asset ID	Description	Risk Category	Sub-Asset Type	Likely Scenario is based on the McArthur Forest Fire Danger Indices (FFDI) rating of 100 (refer page 43)	Raw 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 Rating	Further Treatment Required Y/N	Treatment Recommendation	Treatment Priority	Detail/Comments
69236	Tidal River, Wilsons Promontory	Bushfire	Economic - Tourist & Recreational	Flow on impacts of local businesses to regional level	High	PV to complete							Fire 2009
69237	Stony Creek (Racecourse) Cup - March long weekend	Bushfire	Economic - Tourist & Recreational	Direct Fire attack from grasslands. Impact is for the 'event' not the racecourse.	Medium	212 Routine Site Maint, other; 440 Emergency Water Supply, other;				Y	Assess EMP		
69603	Notched Log Cottage, Poowong	Bushfire	Cultural										
69604	Leongatha PS, Nerrena Rd (previously SC)	Bushfire	Cultural	Same as Leongatha township		212 Routine Site Maint, DEECD	Unlikely	Minor	Low	N			
69605	Mirboo on Tarwin Hall, Foster- Mirboo Rd	Bushfire	Cultural										
69606	Walkerville Lime Kilns	Bushfire	Cultural										
69607	Bell Point Lime Kiln	Bushfire	Cultural										
69608	Wilson's Promontory Light station	Bushfire	Cultural										
69609	Refuge Cove, Wilson's Promontory	Bushfire	Cultural										

VFR Asset ID	Description	Risk Category	Sub-Asset Type	Likely Scenario	Raw Risk Rating	Existing Treatments	Likelihood	Consequence	Residual Risk Rating	Further Treatment Required Y/N	Treatment Recommendation	Treatment Priority	Detail/Comments
69610	Sealer's Cove Saw Mill	Bushfire	Cultural	Likely Scenario is based on the McArthur Forest Fire Danger Indices (FFDI) rating of 100 (refer page 43)		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							
69601	Coal Creek	Bushfire	Cultural	Direct Fire attack from grassy woodlands around and within site	Very High	409 Emergency Mngt Plan, other	Possible	Moderate	Medium	Y	Grassland at bottom needs to be maintained. Limited access and egress		Mostly old timber Bldgs

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 for 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

Page Intentionally Blank

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	Existing Treatments	Likelihood	Consequence	Risk	Treatment Recommendations	Treatment Priority	Detail/Comments
Residential	1a	Private Dwellings (includes house, unit, apartment, relocatable dwelling)	Fire starting within the residence, typically as a result of: <ul style="list-style-type: none"> • Naked flames including: <ul style="list-style-type: none"> ○ Candles ○ Oil burners ○ Solid fuel fires/heaters/stoves • Electrical faults including: <ul style="list-style-type: none"> ○ Wiring ○ Clothes dryers ○ Heaters ○ Electric blankets • Human activity including: <ul style="list-style-type: none"> ○ children playing with matches /lighters ○ Smoking ○ Unattended cooking ○ Clothes drying in front of heaters ○ Maintenance activities ○ Open 	CFA coverage CFA JFAIP Program Community Education, State/Local Hydrant Maint. Reticulated Water Supply Smoke Alarms Water supply	Almost Certain	Minor	High			
	10a	Garages/Sheds	Fire starting within Garage/Carport/Shed (With potential to spread to dwelling) typically as a result of: <ul style="list-style-type: none"> • Human Activity including: <ul style="list-style-type: none"> ○ Equipment use ○ Welding ○ BBQ ○ Heater ○ Storage and use of flammable liquids ○ Smoking • Oily rags, spontaneous combustion • Vehicle fires 							

Asset Type	BCA Class	Description	Likely Scenario	Existing Treatments	Likelihood	Consequence	Risk	Treatment Recommendations	Treatment Priority	Detail/Comments
Residential	1a	Private Dwellings in old estates -	As above, and Old electrical wiring Renovation works Weatherboard cladding Wood fired heating & cooking Poor workmanship/renovations	As above	Almost Certain	Minor	High			
	10a	Residential Garage								
Residential	3d	Special Needs houses e.g. DHS & other NGO providers:	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: CFA Brigade usually aware of sites Some sites will have CFA Pre Incident Plans (PIP) Some sites will have smoke alarms monitored by a private company DHS sites have residential sprinkler systems DHS sites have Fire Response Plans Some sites have staff during times of occupation No smoking inside policy	Possible	Minor	Low	Engage with NGO's to identify properties. PIP for all sites Targeted education/information programs.		
Residential/ SFP	9a	Hospital- Alarmed Premises: Korumburra Hosp. – South Gippsland Health Services Leongatha Memorial Hosp. South Gippsland Hosp. Foster	Fire starting within the hospital, Potentially as a result of: <ul style="list-style-type: none"> • Electrical faults including: <ul style="list-style-type: none"> ○ Wiring ○ Electrical Plant ○ Faulty equipment, including leads • Storage and use of gasses • Storage and use of chemicals • Human activity including: <ul style="list-style-type: none"> ○ Cooking ○ Laundry ○ Maintenance activities ○ Malicious/unapproved activity <p>Complex evacuation due to mobility and medical issues.</p>	CFA coverage and Pre Incident Plans Fire Alarm System as required by BCA Sprinkler System as required by BCA EM (Site) Plan & procedures Fire Safety Inspection (as part of Accreditation) Maintain Essential Service 24/7 staffing, staff training Water supply – reticulated Test & Tag, electrical equipment	Possible	Major	High			

Asset Type	BCA Class	Description	Likely Scenario	Existing Treatments	Likelihood	Consequence	Risk	Treatment Recommendations	Treatment Priority	Detail/Comments
Residential/ SFP	9c	Nursing Homes and Aged Care Facilities: (includes intellectual, psychiatric or disabilities care) -	<p>Fire starting within the facility, Potentially as a result of:</p> <ul style="list-style-type: none"> • Electrical faults including: <ul style="list-style-type: none"> ○ Wiring ○ Electrical Plant ○ Faulty equipment, including leads • Storage and use of gasses • Storage and use of chemicals • Human activity including: <ul style="list-style-type: none"> ○ Cooking ○ Laundry ○ Maintenance activities ○ Malicious/unapproved activity <p>Complex evacuation due to mobility and medical issues.</p>	<p>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</p> <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 Fire Alarm System as required by BCA Sprinkler System as required by BCA Test & Tag, electrical equipment Water supply – reticulated</p>	Possible	Moderate	Medium	Night time staffing review		
Residential/ SFP	N/A 10a	Caravan Parks (including moveable dwelling, tents and other facilities) Annexe	<p>Fire starting within the, typically as a result of:</p> <ul style="list-style-type: none"> • Naked flames including: <ul style="list-style-type: none"> ○ Candles ○ Oil burners ○ Portable heaters (LPG, Kerosene) • Electrical faults including: <ul style="list-style-type: none"> ○ Wiring/overloaded power boards ○ Clothes dryers ○ Heaters ○ Electric blankets • Human activity including: <ul style="list-style-type: none"> ○ children playing with matches /lighters ○ Smoking ○ Unattended cooking ○ Clothes drying in front of heaters ○ Maintenance activities • Vehicle fires spreading to structures • Camp fires spreading to structures 	<p>CFA coverage and Pre Incident Plans CFA Caravan Park Fire Safety 2012 guidelines²⁴ EM (Site) Plan & procedures Maintain Essential Services Site maintenance Smoke alarms for moveable dwellings Staffing, staff training Water supply Test & Tag, park electrical equipment</p>	Possible	Minor	Low	All but one Caravan Park as at March 2012 is not registered with Council. Council (with CFA assistance) to work with park management to achieve registration		

²⁴ [caravan-park-fire-safety-guideline](#)

Asset Type	BCA Class	Description	Likely Scenario	Existing Treatments	Likelihood	Consequence	Risk	Treatment Recommendations	Treatment Priority	Detail/Comments
Residential/ SFP	3a	Back Packers Hostels: e.g. Prom Coast Backpackers YHA, Foster	Fire starting within the facility, potentially as a result of: <ul style="list-style-type: none"> • Electrical faults including: <ul style="list-style-type: none"> ○ Wiring ○ Clothes dryers ○ Heaters ○ Electric blankets ○ Electrical Plant ○ Faulty equipment, including leads • Human activity including: <ul style="list-style-type: none"> ○ Cooking ○ Laundry ○ Maintenance activities ○ Malicious/unapproved activity 	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 CFA coverage and Pre Incident Plans EM (Site) Plan & procedures Fire Safety Inspection Maintain Essential Service Fire Alarm System as required by BCA Staffing, staff training No smoking policy Test & Tag, electrical equipment Water supply – reticulate	Possible	Minor	Low			
Place of Public Assembly	3	School Camps and accredited DEECD Camps	Fire starting within buildings, Potentially as a result of: <ul style="list-style-type: none"> • Electrical faults including: <ul style="list-style-type: none"> ○ Wiring ○ Electrical Plant ○ Faulty equipment, including leads • Human activity including: <ul style="list-style-type: none"> ○ Cooking ○ Laundry ○ Equipment use ○ Maintenance activities ○ BBQ use adjacent to flammable structures • Malicious/unapproved activity 	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			Camp Rumberg Forest Camp, Foster North 200 beds, all facilities under one roof Camp Waratah (soon to be alarmed)
Place of Public Assembly	9b	Early Learning, Specialist Schools & Child Care Centres	Fire starting within the facility, Potentially as a result of: <ul style="list-style-type: none"> • Electrical faults including: <ul style="list-style-type: none"> ○ Wiring ○ Electrical Plant ○ Faulty equipment, including leads • Human activity including: <ul style="list-style-type: none"> ○ Cooking ○ Equipment use ○ Maintenance activities • Malicious/unapproved activity <p>Potential for added complexity due to unpredictable student behaviour.</p>	CFA coverage and Pre Incident Plans EM (Site) Plan & procedures 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	9b	Schools &TAFE	Fire starting within the facility, Potentially as a result of: <ul style="list-style-type: none"> • Electrical faults including: <ul style="list-style-type: none"> ○ Wiring ○ Electrical Plant ○ Faulty equipment, including leads • Storage and use of gasses • Storage and use of chemicals/flammable liquids • Human activity including: <ul style="list-style-type: none"> ○ Cooking ○ Laundry ○ Equipment use ○ Welding ○ Spray painting ○ Maintenance activities ○ Oily rags, spontaneous combustion • Malicious/unapproved activity 	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 CFA coverage and Pre Incident Plans EM (Site) Plan & procedures Maintain Essential Service Staff training Water supply Test & Tag, site electrical equipment DEECD EM requirements	Possible	Moderate	Medium			
Residential/ SFP	3 6b	Hotels, Motels, Resorts with accommodation	Fire starting within the facility, potentially as a result of: <ul style="list-style-type: none"> • Electrical faults including: <ul style="list-style-type: none"> ○ Wiring ○ Clothes dryers ○ Heaters ○ Electric blankets ○ Electrical Plant ○ Faulty equipment, including leads • Human activity including: <ul style="list-style-type: none"> ○ Cooking ○ Laundry ○ Maintenance activities ○ Malicious/unapproved activity 	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	Possible	Minor	Low			

Asset Type	BCA Class	Description	Likely Scenario	Existing Treatments	Likelihood	Consequence	Risk	Treatment Recommendations	Treatment Priority	Detail/Comments
Places of Public Assembly	6b	Entertainment Venues: Hotels & night clubs, theatres, 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"> • Electrical faults including: <ul style="list-style-type: none"> ○ Wiring ○ Clothes dryers ○ Heaters ○ Electrical Plant ○ Faulty equipment, including leads • Human activity including: <ul style="list-style-type: none"> ○ Cooking ○ Laundry ○ Use of decorations/props ○ Maintenance activities ○ Malicious/unapproved activity 	CFA coverage Maintain Essential Service Staff training Water supply	Likely	Minor	Medium			
	9b									
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"> • Electrical faults including: <ul style="list-style-type: none"> ○ Wiring ○ Clothes dryers ○ Heaters ○ Electrical Plant ○ Faulty equipment, including leads • Human activity including: <ul style="list-style-type: none"> ○ Cooking ○ Laundry ○ Use of decorations/props ○ Maintenance activities • Storage and use of flammable gas and oils • Malicious/unapproved activity 	CFA coverage EM (Site) Plan & procedures Enforced No Smoking Maintain Essential Service On site fire extinguishers, fire blankets Staff training Water supply Test & Tag, site electrical equipment	Likely	Minor	Medium			

Asset Type	BCA Class	Description	Likely Scenario	Existing Treatments	Likelihood	Consequence	Risk	Treatment Recommendations	Treatment Priority	Detail/Comments
Place of Public Assembly	5	Commercial (retail, offices and commercial business) Includes:	Fire starting within the facility, Potentially as a result of: <ul style="list-style-type: none"> • Electrical faults including: <ul style="list-style-type: none"> ○ Wiring ○ Electrical Plant ○ Faulty equipment, including leads • Storage and use of gasses • Storage and use of chemicals/flammable liquids • Human activity including: <ul style="list-style-type: none"> ○ Cooking ○ Laundry ○ Equipment use ○ Maintenance activities • Fire starting adjacent to, and spreading to buildings (waste bins) • Malicious/unapproved activity Potential for added complexity where joint commercial/residential use exists.	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	Likely	Minor	Medium			
	5	CBD areas								
	6a	General stores								
	8	Veterinary								
	5	Supermarkets								
	8	Hardware stores								
	8	Cinemas								
	9a	Medical Centres								
	6d	Service Station								
	Place of Public Assembly									
Commercial	8	Murray Goulburn Co-operative (Alarmed Premise)	Electrical disruption Faulty electrical equipment Smoking cigarettes Gas/Chemical spills Dust explosion Vehicle accident	CFA coverage EM (Site) Plan & procedures Enforced No Smoking Maintain Essential Service Staff training Water supply Test & Tag, site electrical equipment	Likely	Moderate	High			

Asset Type	BCA Class	Description	Likely Scenario	Existing Treatments	Likelihood	Consequence	Risk	Treatment Recommendations	Treatment Priority	Detail/Comments
Commercial	8	GBP Australia (Alarmed Premise)	Electrical disruption Faulty electrical equipment Smoking cigarettes Vehicle accident	CFA coverage EM (Site) Plan & procedures Enforced No Smoking Maintain Essential Service Staff training Water supply Test & Tag, site electrical equipment	Possible	Minor	Low			
Commercial	8	Food production general: United Dairy Ltd, Poowong	Electrical disruption Faulty electrical equipment Smoking cigarettes	CFA coverage EM (Site) Plan & procedures Enforced No Smoking Maintain Essential Service Staff training Water supply Test & Tag, site electrical equipment	Unlikely	Minor	Low			
Commercial	8	Food production general: Burra Foods, Korumburra	Electrical disruption Faulty electrical equipment Smoking cigarettes Dust explosion Vehicle Accident	CFA coverage EM (Site) Plan & procedures Enforced No Smoking Maintain Essential Service Staff training Water supply Test & Tag, site electrical equipment	Possible	Moderate	Low			
Commercial	6a	Trading Stores: Murray Goulburn at Leongatha, Dumbalk, Korumburra & Foster Leongatha Rural Supplies Landmark at Leongatha & Korumburra Mitre 10 Leongatha Elders at Leongatha & Korumburra	Electrical disruption Electrical machinery hazards. Exits obstructed. Extension cords. Faulty electrical equipment Fire protection equipment not in service. Fire separations violated. Flammable liquid storage. Oily rags, etc. Overhead doors obstructed by stock. Poor smoking practices. Poor storage practices. Propane- or gasoline-operated lift trucks. Separation and isolation of hazardous materials. Trash and debris.	CFA coverage EM (Site) Plan & procedures Enforced No Smoking Maintain Essential Service Staff training Water supply Test & Tag, site electrical equipment	Possible	Minor	Low			
Commercial	8	Fishers Treated Pine, Korumburra	Structure fire spreading to surrounding pine plantation Electrical disruption Faulty electrical equipment Smoking cigarettes	CFA coverage EM (Site) Plan & procedures Enforced No Smoking Maintain Essential Service Staff training Water supply Test & Tag, site electrical equipment	Unlikely	Minor	Low			

Asset Type	BCA Class	Description	Likely Scenario	Existing Treatments	Likelihood	Consequence	Risk	Treatment Recommendations	Treatment Priority	Detail/Comments
Commercial	8	Whites Treated Pine, Fish Creek	Electrical disruption Faulty electrical equipment Smoking cigarettes	CFA coverage EM (Site) Plan & procedures Enforced No Smoking Maintain Essential Service Staff training Water supply Test & Tag, site electrical equipment	Unlikely	Minor	Low			
Commercial		Barry's Beach Port Facility	Electrical machinery hazards. Faulty electrical equipment Flammable liquid storage. Oily rags, etc. Poor storage practices. Propane- or gasoline-operated lift trucks. Separation and isolation of hazardous materials. Smoking cigarettes Trash and debris.	CFA coverage EM (Site) Plan & procedures Enforced No Smoking Maintain Essential Service Staff training Water supply Internal emergency response	Unlikely	Minor	Low			
Commercial		Livestock, agricultural businesses	Electrical disruption Faulty electrical equipment Smoking cigarettes	CFA coverage Maintain Essential Service EM (Site) Plan & procedures Staff training Water supply Test & Tag, site electrical equipment	Almost Certain	Minor	High			

Page Intentionally Blank

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

Asset Type	Description	Likely Scenario	Existing Treatments	Likelihood	Consequence	Risk	Treatment Recommendations	Treatment Priority	Detail/Comments
Commercial	Murray Goulburn Co-operative (Alarmed Premise)	Fire involving strong cleaning chemicals Structure fire start, chemical involvement adding additional complexity to Incident management	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 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 – DEPI (previously DPI) Chemical Safety Self-Assessment Tool – Worksafe	Possible	Moderate	Low			
Commercial	Water Treatment Plants www.ofite.com/msds	Fire involving storage of Sodium Hypochlorite (non-flammable)	CFA coverage Composite Warning Placards 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	Possible	Moderate	Low			
Commercial	Fires involving transportation of chemicals	Vehicle accident/Fire, 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			<i>Indicative assessment only</i> Potential for longer term environmental impact

Asset Type	Description	Likely Scenario	Existing Treatments	Likelihood	Consequence	Risk	Treatment Recommendations	Treatment Priority	Detail/Comments
Commercial	Fires involving stored chemicals, includes large agricultural supply businesses	Structure fire start, chemical involvement adding additional complexity to Incident management	<p>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</p> <p>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 – DEPI (previously DPI) Chemical Safety Self-Assessment Tool – Worksafe</p>	Possible	Moderate	Medium			<p>Chemicals (agricultural) include fuels, solvents, pesticides, herbicides, fungicides, fertilisers and veterinary drugs e.g.</p> <ul style="list-style-type: none"> • Glyphosate • Aluminium/Zinc phosphide – fumigant • Organophosphates • Pyrethroids • Methyl bromide • Sodium Fluoroacetate – ‘1080’ baits • Strychnine • Paraquat, Diquat • Cresol • Alkaline and acid-cleaning agents • Formalin • Nutritional supplements – selenium and copper • Livestock vaccines. <p>There have been three recorded fires at this type of premise during the 11 year period 2000/2001 to 2010/2011.</p>

Review Dates: September 2013

Treatment Delivery marked with X

Asset ID	Description	Deliverable Treatment	Detail	Responsible Agency	2012-13	Completed Y/N	Adjustment needed Y/N	2013-14	Completed Y/N	Adjustment needed Y/N	2014-15	Completed Y/N	Adjustment needed Y/N	Comments/Contingency
69056	Bena	100 Community Education, CFA		CFA										
69063	Buffalo	100 Community Education, CFA		CFA										
		223 Roadside Veg Mngt, VicRoads	Full length of Road. Full width cut from road shoulder to fence line – excluding areas where there are stands of native vegetation	VicRoads				X			X			
69062	Darlimurla Estate	100 Community Education, CFA		CFA										
		106 CFG, CFA		CFA	X			X		X				
		405 Static Water Supply, SGSC	Inspect, maintain/fill	SGSC/CFA	X			X		X				
	Dollar	106 CFG, CFA	Current	CFA	X			X		X				
69022	Dumbalk	100 Community Education, CFA		CFA										
		404 FP & Hyd Instal. & Maint, SGSC	Inspect, maintain	SGSC	X			X		X				
69010	Fish Creek	100 Community Education, CFA		CFA										
		106 CFG, CFA	Battery Creek - Current	CFA	X			X		X				
		223 Roadside Veg Mngt, VicRoads	Full length of Road. Full width cut from road shoulder to fence line – excluding areas where there are stands of native vegetation	VicRoads				X			X			
		404 FP & Hyd Instal. & Maint, SGSC	Inspect, maintain	SGSC	X			X		X				
69012	Foster	100 Community Education, CFA	Bushfire Safety Display @ Annual Show	CFA	X	X								
		106 CFG, CFA	Foster West - Current	CFA	X			X		X				
		203 Slashing program, DEPI	Fuel breaks: New Zealand Hill, Ophir Hill, Cody Gully, Hall Rd, McDonald St	DEPI	X			X		X				Annual program
		231 Planned Burn Program, DEPI	Burn No. 2SMC0023 Wilson Rd	DEPI				X						
		231 Planned Burn Program, DEPI	Burn No. 2SMC0002 Foster-McDonald St	DEPI	X									
		231 Planned Burn Program, DEPI	Burn No. 2SMC0021New Zealand Hill	DEPI				X						
		307 Ranger patrols, PV	Regular summer patrol	PV	X			X		X				
		404 FP & Hyd Instal. & Maint, SGSC	Inspect, maintain	SGSC	X			X		X				
	416 Fire Access Road/Track, DEPI	Maintain as required	DEPI	X			X		X				Inspected annually	
69066	Jumbunna	100 Community Education, CFA		CFA										

Asset ID	Description	Deliverable Treatment	Detail	Responsible Agency	2012-13	Completed Y/N	Adjustment needed Y/N	2013-14	Completed Y/N	Adjustment needed Y/N	2014-15	Completed Y/N	Adjustment needed Y/N	Comments/Contingency	
69055	Kongwak	100 Community Education, CFA		CFA											
		106 CFG, CFA	Wattle Bank - Current	CFA	X			X			X				
		231 Planned Burn Program, DEPI		DEPI											
		405 Static Water Supply, CFA	Inspect, maintain/fill	SGSC/CFA	X			X			X				
		422 Reserve management plan, SGSC		SGSC	X			X			X				
69019	Koonwarra	100 Community Education, CFA		CFA											
		106 CFG, CFA	Koonwarra East - Current	CFA	X			X			X				
		106 CFG, CFA	Koonwarra South - Current	CFA	X			X			X				
		231 Planned Burn Program, DEPI													
		404 FP & Hyd Instal. & Maint, SGSC	Inspect, maintain	SGSC	X			X			X				
		420 Community Information Guide		CFA	X			X			X				
		422 Reserve management plan, SGSC	Works and review	SGSC	X			X			X				
69025	Korumburra	100 Community Education, CFA		CFA											
		209 Routine Maint Rail Line, VicTrack		V/Line	X			X			X				
		218 Power line clearance, SGSC		SGSC	X			X			X				
		404 FP & Hyd Instal. & Maint, SGSC	Inspect, maintain	SGSC	X			X			X				
		422 Reserve management plan, SGSC	Works and review	SGSC	X			X			X				
69018	Leongatha	100 Community Education, CFA		CFA											
		209 Routine Maint Rail Line, VicTrack	V/Line - Rail Reserve Fire Prevention Management Plan	V/Line	X			X			X				
		218 Power line clearance, SGSC		SGSC	X			X			X				
		223 Roadside Veg Mngt, VicRoads	Leongatha to Shire boundary. Full width cut from road shoulder to fence line – excluding areas where there are stands of native vegetation	VicRoads				X			X				
		404 FP & Hyd Instal. & Maint, SGSC	Inspect, maintain	SGSC	X			X			X				
69029	Loch	100 Community Education, CFA		CFA											
		209 Routine Maint Rail Line, VicTrack	V/Line - Rail Reserve Fire Prevention Management Plan	V/Line	X			X			X				
		404 FP & Hyd Instal. & Maint, SGSC	Inspect, maintain	SGSC	X			X			X				
69020	Meeniyen	100 Community Education, CFA		CFA											
		231 Planned Burn Program, DEPI	Burn No.1SMC0005 c/f to 12/13	DEPI	X										
		231 Planned Burn Program, DEPI	Burn No. 2SMC0008 Rail Trail	DEPI	X										
		203 Slashing program, DEPI	Meeniyen CL block	DEPI	X			X			X			Annual program	
		404 FP & Hyd Instal. & Maint, SGSC	Inspect, maintain	SGSC	X			X			X				

Asset ID	Description	Deliverable Treatment	Detail	Responsible Agency	2012-13	Completed Y/N	Adjustment needed Y/N	2013-14	Completed Y/N	Adjustment needed Y/N	2014-15	Completed Y/N	Adjustment needed Y/N	Comments/Contingency
69065	Mirboo	100 Community Education, CFA		CFA										
69023	Mirboo North	100 Community Education, CFA	Road Accident Rescue Display	CFA	X	X								
		203 Slashing program, DEPI	Old Darlimurla Rd, Slaughteryard Rd	DEPI	X			X			X			Annual program
		231 Planned Burn Program, DEPI	Burn No. 2SLT0003 Samson Rd	DEPI				X						
		231 Planned Burn Program, DEPI	Burn No. 2SLT0004 Forresters	DEPI				X						
		231 Planned Burn Program, DEPI	Burn No. 2SLT0006 Hoods Hill	DEPI				X						
		231 Planned Burn Program, DEPI	Burn No. 2SLT0008 Bushland Reserve	DEPI				X						
		231 Planned Burn Program, DEPI	Burn No. 2SLTC0012 Waste Transfer Stn.	DEPI				X						
		404 FP & Hyd Instal. & Maint, SGSC	Inspect, maintain	SGSC	X			X			X			
		416 Fire Access Road/Track, DEPI	Maintain as required	DEPI	X			X						Inspected annually
		422 Reserve management plan, SGSC	Works and review	SGSC	X			X						
69030	Nyora	100 Community Education, CFA	Bushfire display @ Tractor Rally	CFA	X	X								
		209 Routine Maint Rail Line, VicTrack		V/Line	X			X			X			
		404 FP & Hyd Instal. & Maint, SGSC	Inspect, maintain	SGSC	X			X			X			
69053	McDonalds Tk Cherry Tree Rd (Nyora)	100 Community Education, CFA	HBAS Mail Out	CFA	X	X								
		106 CFG, CFA		CFA	X			X			X			
		231 Planned Burn Program, DEPI	Burn No. 2SBC0013	DEPI				X						Subject to agreement with Sibelco
		413 Fire access road/track, SGSC		SGSC	X			X			X			
		420 Community Information Guide, CFA		CFA	X			X			X			
		231 Planned Burn Program, DEPI	Burn No. 2SBC0002 Hookers Rd	DEPI				X						Adams Creek Nature Conservation Reserve
	Bell Park Scout Camp	231 Planned Burn Program, DEPI	Burn No. 2SNC0014 Bell Park Scout Camp	DEPI				X						
	Outtrim	106 CFG, CFA	Current	CFA	X			X						
69031	Poowong	100 Community Education, CFA		CFA										
		106 CFG, CFA	Poowong East - Current	CFA	X			X			X			
		404 FP & Hyd Instal. & Maint, SGSC	Inspect, maintain	SGSC	X			X			X			
69013	Port Franklin	404 FP & Hyd Instal. & Maint, SGSC	Inspect, maintain	SGSC	X			X			X			
69016	Port Welshpool	100 Community Education, CFA		CFA										
		231 Planned Burn Program, DEPI	Burn No. 2SMC0009 Dawson St C	DEPI				X						
		231 Planned Burn Program, DEPI	Burn No. 2SMC00015 Dawson St B	DEPI				X						
		231 Planned Burn Program, DEPI	Burn No. 2SMC0003 Smith St	DEPI	X									
		231 Planned Burn Program, DEPI	Burn No. 2SMC0004 Dawson St A	DEPI	X									
		404 FP & Hyd Instal. & Maint, SGSC	Inspect, maintain	SGSC	X			X			X			
416 Fire Access Road/Track, DEPI	Maintain as required	DEPI	X			X			X			Inspected annually		
69041	Port Welshpool – Long Jetty Caravan Park	409 EMP, SGSC	Assist Mngt to obtain Registration	SGSC	X								Reviewed every 3 Yrs.	

Asset ID	Description	Deliverable Treatment	Detail	Responsible Agency	2012-13	Completed Y/N	Adjustment needed Y/N	2013-14	Completed Y/N	Adjustment needed Y/N	2014-15	Completed Y/N	Adjustment needed Y/N	Comments/Contingency	
69007	Sandy Point	100 Community Education, CFA		CFA											
		113 Tourism and Fire awareness program, SGSC		SGSC	X			X			X				
		203 Slashed Fuel breaks, DEPI	Slashed fuel break	C of M/DEPI	X			X							Annual program
		405 Static Water Supply, SGSC/CFA	Inspect, maintain/fill	SGSC/CFA	X			X			X				
		420 Community Information Guide, CFA		CFA	X			X			X				
69036	Sandy Point Caravan Park	409 EMP, SGSC	Assist Mngt to obtain Registration	SGSC	X									Reviewed every 3 Yrs.	
69061	Sandy Point Beach Access	205 Fuel Hazard Mngt, C of M													
		412 Static Water Supply, SGSC	Inspect/fill	SGSC	X			X			X				
69064	Stony Creek	100 Community Education, CFA	Stony Creek Race Meeting – CFA Show Bags	CFA	X										
		106 CFG, CFA	Current	CFA	X			X			X				
69014	Tarwin Lower	100 Community Education, CFA		CFA											
		412 Static Water Supply, SGSC	Inspect/fill	SGSC	X			X			X				
69008	Tidal River	203 Slashing program, DEPI	Slash fuel break	DEPI	X			X			X			Annual program	
		307 Ranger patrols, PV	Regular summer patrol	PV	X			X			X				
		416 Fire Access Road/Track, DEPI	Maintain as required	DEPI	X			X			X			Inspected annually	
		WPNP Management Plan	Annual works and review	PV	X			X			X				
69015	Toora	100 Community Education, CFA		CFA											
		223 Roadside Veg Mngt, VicRoads	Toora to Shire boundary. Full width cut from road shoulder to fence line – excluding areas where there are stands of native vegetation	VicRoads				X			X				
		404 FP & Hyd Instal. & Maint, SGSC	Inspect, maintain	SGSC	X			X			X				
69041	Toora Tourist Park	409 EMP, SGSC	Assist Mngt to obtain Registration	SGSC	X									Reviewed every 3 Yrs.	
	Venus Bay all (Estates One, Two, Three)	223 Roadside Veg Mngt, VicRoads	Toora to Shire boundary. Full width cut from road shoulder to fence line – excluding areas where there are stands of native vegetation	VicRoads				X			X				
69001	Venus Bay Estate One	100 Community Education, CFA		CFA											
		113 Tourism and Fire awareness program, SGSC		SGSC	X			X			X				
		203 Reducing fuel loads on Crown Land, DEPI	Trim batters on Beach 1/2/3 access roads (if required)	DEPI	X			X			X				
		203 Reducing fuel loads on Crown Land, DEPI	10m fuel break along south side of Lees Rd	DEPI	X			X			X			Annual program	
		307 Ranger patrols, PV	Regular summer patrol	PV	X			X			X				
		412 Static Water Supply, SGSC	Inspect	SGSC	X			X			X				
		420 Community Information Guide		CFA	X			X			X				

Asset ID	Description	Deliverable Treatment	Detail	Responsible Agency	2012-13	Completed Y/N	Adjustment needed Y/N	2013-14	Completed Y/N	Adjustment needed Y/N	2014-15	Completed Y/N	Adjustment needed Y/N	Comments/Contingency	
69059	Venus Bay Estate One: Beach Access Roads 1, 2, 3	303 Patrols/Inspection, SGSC		SGSC	X			X			X				
		307 Ranger patrols, PV	Regular summer patrol	PV	X			X			X				
		405 Static Water Supply, SGSC/CFA	Inspect, maintain/fill	SGSC/CFA	X			X			X				
69002	Venus Bay Estate Two	100 Community Education, CFA		CFA											
		113 Tourism and Fire awareness program, SGSC		SGSC	X			X			X				
		231 Planned Burn Program, DEPI	Burn No.	DEPI											
		203 Slashed Fuel breaks, DEPI	20m Fuel break west of Atherton Dve	DEPI	X			X			X				Annual program
69002	Venus Bay Estate Two	224 Roadside Vegetation management PV/DEPI	Trim Veg on beach 4 & 5 access roads	DEPI	X			X			X			As required	
		307 Ranger patrols, PV	Regular summer patrol	PV	X			X			X				
		412 Static Water Supply, SGSC	Inspect, maintain, fill	SGSC	X			X			X				
		411 Water point maintenance, DEPI	2 x dams on Lees Rd	DEPI	X			X			X				Annual maintenance
		420 Community Information Guide		CFA	X			X			X				
	Venus Bay Village	106 CFG, CFA	Venus Bay Village - Current	CFA	X			X			X				
69059	Venus Bay Estate Two: Beach Access Roads 4 & 5	303 Patrols/Inspection, SGSC		SGSC	X			X			X				
		307 Ranger patrols, PV	Regular summer patrol	PV	X			X			X				
		405 Static Water Supply, SGSC/CFA	Inspect, maintain/fill	SGSC/CFA	X			X			X				
69054	Venus Bay Estate Three	100 Community Education, CFA		CFA											
		113 Tourism and Fire awareness program, SGSC		SGSC	X			X			X				
		203 Slashed Fuel breaks, DEPI	Point Smythe fuel break	DEPI	X			X			X				Annual program
		411 Water point maintenance, DEPI	Point Smythe fire dam	DEPI	X			X			X				Annual inspection, maintain as required
		416 Fire access Road/Track, DEPI	Point Smythe tracks	DEPI	X			X			X				Annual inspection, maintain as required
		420 Community Information Guide, CFA		CFA	X			X			X				
69004	Walkerville	100 Community Education, CFA		CFA											
		106 CFG, CFA	Walkerville & district - self reliant	CFA	X			X			X				
		113 Tourism and Fire awareness program, SGSC		SGSC	X			X			X				
		231 Planned Burn Program, DEPI	Burn No. 2SMC0010 Bluff Creek	DEPI				X							
		203 Slashed Fuel breaks, DEPI	Slashed fuel break in CLCP	DEPI	X			X			X				North Dam, South Dam
		307 Ranger patrols, PV	Regular summer patrol	PV	X			X			X				
		412 Static Water Supply, SGSC	Inspect	SGSC	X			X			X				
		420 Community Information Guide		CFA	X			X			X				

Asset ID	Description	Deliverable Treatment	Detail	Responsible Agency	2012-13	Completed Y/N	Adjustment needed Y/N	2013-14	Completed Y/N	Adjustment needed Y/N	2014-15	Completed Y/N	Adjustment needed Y/N	Comments/Contingency
69005	Promontory View Estate	100 Community Education, CFA		CFA										
		231 Planned Burn Program, DEPI	Burn No. 2SMC0001 Prom View Estate	DEPI	X									Weather unsuitable c/f to 12/13
		203 Slashed Fuel breaks, DEPI	Slashed fuel break opposite estate	DEPI	X			X			X			Annual program
		420 Community Information Guide, CFA		CFA	X			X			X			
69044	Bear Gully Camping Gnd	100 Community Education, CFA		CFA										
		203 Slashed Fuel breaks, DEPI	Slashed fuel break in CLCP	DEPI										
		307 Ranger patrols, PV	regular summer patrol	PV	X			X						
69043	Walkerville Caravan Park	100 Community Education, CFA		CFA										
		203 Slashed Fuel breaks, DEPI	Slashed fuel break in CLCP	DEPI	X			X			X			Annual program
		231 Planned Burn Program, DEPI	Burn No. 2SMC0007	DEPI	X									
		307 Ranger patrols, PV	Regular summer patrol	PV	X			X			X			
		409 EMP, SGSC	Assist Mngt to obtain Registration	SGSC	X									
69053	Waratah Bay Caravan Park	409 EMP, SGSC	Assist Mngt to obtain Registration	SGSC	X									Reviewed every 3 Yrs.
		100 Community Education, CFA		CFA										
		203 Slashed Fuel breaks, DEPI	Slashed fuel break in CLCP	DEPI	X			X			X			Annual program
		307 Ranger patrols, PV	Regular summer patrol	PV	X			X			X			
69006	Waratah Bay	100 Community Education, CFA		CFA										
		106 CFG, CFA	Disbanded	CFA										
		113 Tourism and Fire awareness program, SGSC		SGSC	X			X			X			
		231 Planned Burn Program, DEPI	Burn No. 2SMC0011 Heath Loop Tk	DEPI				X						
		231 Planned Burn Program, DEPI	Burn No. 2SMC0018 Waratah Break	DEPI				X						
		231 Planned Burn Program, DEPI	Burn No. 2SMC0022 Thomson	DEPI				X						
		231 Planned Burn Program, DEPI	Burn No. 2SMC0014 Gale Creek	DEPI	X									
		203 Slashed Fuel breaks, DEPI	Slashed fuel break in CLCP various	DEPI	X			X			X			Annual program
		307 Ranger patrols, PV	Regular summer patrol	PV	X			X			X			
		405 Static Water Supply, SGSC/CFA	Inspect, maintain/fill	SGSC/CFA	X			X			X			
69017	Welshpool	416 Fire Access Road/Track, DEPI	Maintain as required	DEPI	X			X		X				Inspected annually
		420 Community Information Guide		CFA	X			X		X				
		100 Community Education, CFA	Brigade display @ Sea Days Festival	CFA	X	X		X			X			
		231 Planned Burn Program, DEPI	Burn No. 2SMC0005 Rail Trail	DEPI	X									
69058	Yanakie	203 Slashing program, DEPI	Slash railway station reserve	DEPI	X			X		X				Annual program
		404 FP & Hyd Instal. & Maint, SGSC	Inspect, maintain	SGSC	X			X		X				
		100 Community Education, CFA		CFA										
69037	Yanakie Beach Caravan Park	412 Static Water Supply, SGSC	Inspect, maintain, fill	SGSC	X			X		X				
		100 Community Education, CFA		CFA										
69038	Shallow Inlet Camping Gnd	409 EMP, SGSC	Assist Mngt to obtain Registration	SGSC	X									Reviewed every 3 Yrs.
		205 Fuel Hazard Mngt, C of M		C of M										
69039	Shallow Inlet Caravan Park	100 Community Education, CFA		CFA										
		409 EMP, SGSC	Assist Mngt to obtain Registration	SGSC	X									Reviewed every 3 Yrs.

Asset ID	Description	Deliverable Treatment	Detail	Responsible Agency	2012-13	Completed Y/N	Adjustment needed Y/N	2013-14	Completed Y/N	Adjustment needed Y/N	2014-15	Completed Y/N	Adjustment needed Y/N	Comments/Contingency
69212	South Gippsland Hwy	223 Roadside Veg Mngt, VicRoads	Toora to Shire boundary. Full width cut from road shoulder to fence line – excluding areas where there are stands of native vegetation.	VicRoads				X			X			
69213	Bass Hwy	223 Roadside Veg Mngt, VicRoads	Leongatha to Shire boundary. Full width cut from road shoulder to fence line – excluding areas where there are stands of native vegetation.	VicRoads				X			X			
69231	Meeniyan Promontory Rd	223 Roadside Veg Mngt, VicRoads	Full length of Road. Full width cut from road shoulder to fence line – excluding areas where there are stands of native vegetation.	VicRoads				X			X			
69228	Yanakie Airbase	203 Crown Land Fuel Reduction, DEPI	Slashing	DEPI	X			X			X			Annual program
		224 Roadside Veg Mngt, DEPI	Remove vegetation on roadside into air base	DEPI	X			X			X			Annual program
		416 Fire Access Road/Track, DEPI	Maintain as required	DEPI	X			X			X			Inspected annually
		411 Static Water Supply, DEPI	Inspect, fill (90KI)	SGSC/CFA	X			X			X			

Page Intentionally Blank

Attachment C-1 – Hazard Trees (*Electrical 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 MFMP 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, DEPI and VicRoads.

Responsible Persons within South Gippsland Shire Council

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

- *SP AusNet*
- *VicRoads*
- *South Gippsland Shire Council*

There is only one electricity distribution business in South Gippsland Shire Council.

There are two declared areas (as per Section 81 of the ES Act) within South Gippsland Shire Council in the towns of Leongatha and Korumburra, where the responsibility lies with the Shire to identify, assess and remedy any hazardous tree that falls within the declared area.

Other relevant information

Responsible persons, other than private persons, 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 Management Planning 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 a hazard tree. That is, a tree which is likely to fall onto, or 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 person with specific expertise and training, such as an Arborist.

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.

If a potentially hazardous tree is identified, 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 SP AusNet 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 lines that fall within the declared area is South Gippsland 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 SP AusNet in the first instance and South Gippsland Shire Council if the potential hazard tree is within the townships of Leongatha or Korumburra.

Where the Committee becomes aware of, or receives a report of, a potentially hazardous tree within the municipality, this must be referred to SP AusNet or South Gippsland Shire Council.

- Reports of potentially hazardous trees must be provided to either SP AusNet or South Gippsland Shire Council for action as soon as practicable. 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, where known, GPS coordinates, details of numerical/name plate 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 structural weakness and/or excessive lean and/or appears to be encroaching into line clearance space etc.)
 - An indication of whether or not urgent action is required.
- SP AusNet or South Gippsland 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)

For the purposes of this part of the Plan, the primary responsible person for potential hazardous trees within the Declared Area is South Gippsland Shire Council. Contact details for the South Gippsland Shire Council, are as follows:

Agency name	South Gippsland Shire Council
Position title of contact person	Council Arborist
Telephone Number	5662 9200 (24 hours)
Email address	council@southgippsland.vic.gov.au

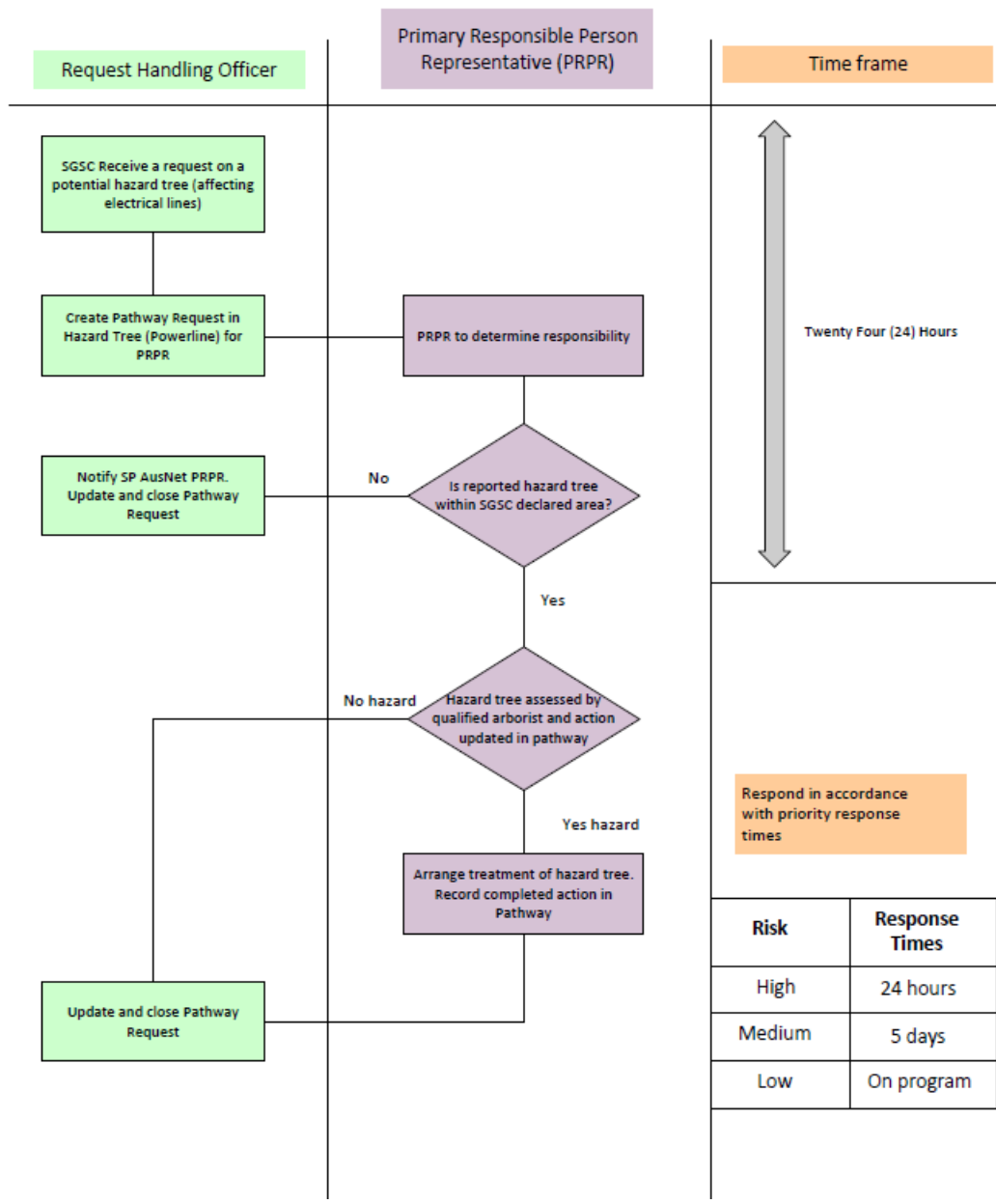
For the purposes of this part of the Plan, the primary responsible person for areas outside of the 'Declared Area' is SP AusNet. Contact details for SP AusNet, are as follows:

Agency name	SP AusNet (contracting Select Solutions)
Position title of contact person	Peter Scotto
Telephone Number	03 9237 4419 or 0408 403 749
Email address	peter.scotto@select-solutions.com.au
After Hours Number	03 9237 4419

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

SP AusNet 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 Hazardous Tree Process as required under the *Electrical Safety Act 1988 (Vic)*



Reporting Timelines

SP AusNet 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 SP AusNet with contact details of the person (position title) who reports should be provided. It is the responsibility of each responsible person to ensure that SP AusNet is provided with up-to-date contact details.

Register

It is recommended that SP AusNet 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 SP AusNet as the Primary Responsible Person was consulted in relation to the development of these procedures.

Procedure for South Gippsland Shire Council and hazard trees in the Declared Area

Report comes into council (either through external agency/organsiation, member of the public or internal staff/contractors) of hazard tree likely to fall or come into contact with powerlines.

Hazard tree is logged into Customers in Context and is assigned to the PRPR. PRPR determines who is responsible for the hazard tree. If the Hazard tree is in the declared area of either Wonthaggi or Inverloch the hazard tree is assessed and designated into one of the following categories:

- Hazard Tree (assessed)
- Not a Hazard Tree (assessed)

If the tree is not a hazard tree, then it is closed off in Customers in Context.

If the tree is a hazard tree, then the PRPR is required to action a process to have the hazard tree treated (i.e., trimmed or removed) and update Customers in Context as appropriate.

Once the identified hazard tree has either been treated, deemed safe or completely removed, the assessor is again required to update Customers in Context as such. Once the 'end point' has been reached for each individual tree, sign off is required within Customers in Context to ensure each individual tree is closed off.

Page Intentionally Blank



Attachment C-2 – Community Information Guides - Bushfire

Location	Community Information Guide Name	VFRR Asset No.	Community Information Guide Approved
Nyora	Cherry Tree Road McDonalds	69053	June 2011
Koonwarra	Koonwarra	6919	June 2011
Sandy Point	Sandy Point	69007	November 2010
Walkerville	Walkerville	69004	December 2010
Waratah Bay	Waratah Bay	69006	November 2010
Venus Bay	Venus Bay	69001	November 2010

Community Information Guides - Bushfire²⁵ (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 [House bushfire assessment tool](#).

²⁵ [Community Information Guides – Questions & Answers, CFA](#)

Page Intentionally Blank

Attachment C-3 – Neighbourhood Safer Place/Places of Last Resort

There are currently no authorised Neighbourhood Safer Places - Places of Last Resort (NSF/PLR) within the Shire of South Gippsland

Township	NSP/PLR Location
Nil	Nil

Neighbourhood Safer Places/Places of Last Resort (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.
- No amenities (e.g. food, drinks, and toilets) will be provided
- It may not provide shelter from smoke and embers.

NSPs/PLR have been assessed by CFA against **NSP/PLR** report assessment guidelines. It then becomes the responsibility of Council to endorse and maintain the **NSP/PLR**.

NSPs/PLR are reviewed annually to ensure they still meet the municipal safer places criteria.

Page Intentionally Blank

Attachment C-4 – Community Fire Refuge

Community Fire Refuges²⁶

There are no Community Fire Refuges in South Gippsland.

²⁶ [Community Fire Refuges policy](#)

Page Intentionally Blank

Attachment D – Community and Stakeholder Engagement Plan

Introduction

The Community and Stakeholder Engagement Plan (the plan) has been developed to create awareness of the draft South Gippsland Municipal Fire Management Plan (MFMP) and to seek input and feedback from the local community and stakeholders at the state, regional and municipal level during April 2012.

The feedback and community input will be used to finalise the draft MFMP that currently relates to Bushfire Risk. This process will conclude in April 2012. The Municipal Fire Management Committee (MFMPCC) will complete sections on Structural and Chemical Fires during the next six- months which will complete the MFMP process. When the plan has all the relevant sections completed it will meet Councils legislative obligations under the CFA act 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 level of feedback.

The plan has also been developed taking into consideration the close ties between South Gippsland and South Gippsland Shire Councils. All endeavours will be taken to work cooperatively through sharing materials and ideas and a coordinated approach where possible.

All member agencies of the South Gippsland Municipal Fire Management Planning Committee are committed to playing an active part during the engagement phase and sharing the agreed approach outlined in the plan.

Background

The MFMP outlines how, the Council, fire agencies and other relevant authorities and organisations will work together to effectively anticipate, respond to, and recover from, major bushfire events in South Gippsland.

While the focus of the MFMP is on bushfire in the first instance, future updates of the plan will include planning for other types of fires such as structural fires and chemical fires.

The production of the MFMP was a team effort by the South Gippsland Municipal Fire Management Planning Committee and reflects the commitment of the group to provide an integrated approach to fire management.

Committee members include:

- Country Fire Authority (CFA)
- Department of Environment and Primary Industries (DEPI, previously DSE)
- South Gippsland Shire Council
- VicRoads
- Parks Victoria
- Victoria Police.

The Committee acknowledges the significant and ongoing support provided by the Integrated Fire Management Planning (IFMP) regional team.

The South Gippsland Shire Council is the custodian of this Municipal Fire Management Plan (MFMP), as a sub plan of the Municipal Emergency Management Plan. The life of the MFMP is three years, supported by reviews as needed.

Context

The process to develop the MFMP represents a significant change in approach which extends to a state-wide network and places emphasis on the three areas of prevention, response and recovery.

The MFMP is part of a Statewide framework established under the Emergency Management Act (1986), supported and guided by the Gippsland Regional Strategic Fire Management Committee and the State Fire Management Planning Committee.

The Municipal Fire Management Plan (MFMP), as a sub plan of the South Gippsland Municipal Emergency Management Plan (MEMP), is risk based and has been developed using the principles outlined in the Integrated Fire Management Planning (IFMP) Framework and Guide, and the Guidelines for Municipal Fire Management Planning Part 6A: Emergency Management Manual Victoria.

The MFMP will eventually replace the current Municipal Fire Prevention Plan (MFPP) however the two plans will run in tandem for a period of 12 months.

Aims and Objectives

The aim of the plan is to ensure the South Gippsland community and stakeholders, including people likely to be affected by fire risks:

- are aware of the draft MFMP, how it impacts them broadly and on a township basis;
- have the appropriate information to provide informed feedback; and
- have opportunities to share their local knowledge to ensure the first section of the MFMP focusing on bushfire is robust.

The following objectives have been developed to support the aim of the plan. They include:

- provide consistent, relevant and timely information to assist the community and stakeholders to understand the purpose of the MFMP and the collaborative approach used in its development;
- incorporate existing community events and networks into the program of engagement activities; and
- provide a range of ways in which community members and stakeholders can seek information and provide their feedback and suggestions.

Engagement Negotiables and Non-Negotiables

The table below has been prepared so that the community and stakeholders are clear about what they are being asked to have a say on, that is, what is negotiable and what is not.

The Committee is seeking local knowledge in particular to ensure the MFMP is as robust as possible. In the main, the matters that are not negotiable are dictated by legislation or are Government endorsed positions on how to effectively anticipate, respond to, and recover bushfires. They are outlined in the table below.

Negotiable	Non-Negotiable
Additions to asset risk register.	Heritage listed buildings and areas.
What treatment options have been selected for each area and when they are carried out.	Risk assessment standards and processes.
Preferences for how we communicate and engage with stakeholders and the community during the life of the plan.	Comply with government policy and legislation.
Specific information about localities featured in the plan.	Matters endorsed by all agencies.
	Alignment to government position on fire safety initiatives.
	Agency commitment.
	Evaluation and periodic review.

Key Engagement Questions

The key questions to be addressed by the community and stakeholder engagement are:

- Your local knowledge is important to us – have we missed anything?
- Are you happy with the treatments that are being applied to your area and if not why not?
- What is the preferred method for communicating fire messages to your local community? Tick boxes
- Is the local information in the draft plan accurate and complete? If not what key information is missing?
- Do you believe that any different or additional fire protection measures should be undertaken in the municipality? And if so, by which agency when and where?

List of Stakeholders

- Federal Government – Member for Gippsland
 - The Hon Darren Chester, MP
- State Government – Member for South Gippsland
 - The Hon Peter Ryan, MP
- Regional Organisations
 - IFMP Network
 - Tourism Victoria/Destination Gippsland
 - Victorian Farmers Federation
 - Gippsland Regional Library Corporation
- Local Organisations
 - South Gippsland Landcare Network
 - Emergency Relief Network, South Gippsland
 - Community and Neighbourhood houses
 - Accommodation providers for vulnerable people
 - Gippsport and Sportslink
 - Business associations
 - Foreshore committees of management
- CFA Brigades – South Gippsland

○ Allambee	○ Leongatha	○ Mirboo North
○ Berry's Creek	○ Leongatha South	○ Nerrena
○ Dumbalk	○ Leongatha/Korumburra	○ Poowong
○ Fish Creek	○ Loch	○ Pound Creek
○ Foster	○ Meeniyan - Stony	○ Ruby
○ Hallston- Mt Eccles	○ Loch Creek	○ Tarwin Lower
○ Hedly	○ Milford	○ Toora
○ Kongwak	○ Mirboo Group	○ Welshpool
○ Koonwarra		○ Yanakie
○ Korumburra		
- MFMP Committee Members Employees
 - Country Fire Authority (CFA)
 - Department of Environment and Primary Industries (DEPI, previously DSE)
 - VicRoads
 - Parks Victoria
 - South Gippsland Water
 - Victoria Police
- Media
 - South Gippsland Sentinel Times
 - The Star
 - South Gippsland Matters
 - Mayor's Message
 - South Gippsland Shire Council Noticeboard

- Communities covered by Community Information Guides
 - Koonwarra
 - McDonalds Track & Cherry Tree Road Nyora
 - Sandy Point
 - Venus Bay
 - Walkerville
 - Waratah Bay

- Community Fire Guard Groups
 - Cape Liptrap
 - Dollar
 - Fish Creek (Battery Creek – Fish Creek East)
 - Foster (West)
 - Inverloch (Short Street)
 - Kongwak (Wattle Bank)
 - Koonwarra (East)
 - Koonwarra (South)
 - Outtrim
 - Poowong (East)
 - Strzelecki
 - Venus Bay Village

List of Engagement Tools and Tactics

The list of tools and tactics below has been prepared using existing media, events and networks that currently exist within the Committee members' organisations. They include:

- South Gippsland Shire Council
 - Media Releases (distributed to local and Statewide newspapers, radio stations, television, local community groups and social media: Twitter and Facebook)
 - Council website copy
 - Home page feature
 - Emergency management webpage content
 - Mayors Message
 - Council Update advertising in local papers
 - Ecco (internal newsletter)
 - Customer Service Centres to hold copies of the draft MFMP for ratepayers to view. Feedback collection sheets and collection boxes also available
 - Enquiries and comment from ratepayers face-to-face or via phone

Where possible, Committee organisations will support the engagement process though:

- Emails to all staff members to promote the MFMP engagement process and encourage comment
- Copies of the MFMP and supporting information in office for comment
- Links on website
- Field Days at Lardner Park (March) engagement activity to promote the MFMP and to seek feedback
- Support through liaison with Brigade Administration Support Officers (BASO), Community Education Coordinators (CEC)

Communications

The success of the Municipal Fire Management Plan (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

Identify communications opportunities within already existing networks into the community.

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

Attachment E – Maps

Map No.	Map Title	Map Owner
1.	South Gippsland Shire Map	SGSC
2.	VFRR-B Display Map – Human Settlement	CFA VFRR-B
3.	VFRR-B Display Map - Economic	CFA VFRR-B
4.	VFRR-B Display Map - Cultural	CFA VFRR-B
5.	Final Fire Operations Plan (DEPI) South Gippsland 2012/13 to 2014/15	DEPI
6.	South Gippsland Strategic Fuel Management (fire break)) Map	SGSC
7.	South Gippsland Shire North – Road Classification	CFA
8.	South Gippsland Shire South – Road Classification	CFA

Page Intentionally Blank



South Gippsland
Shire Council

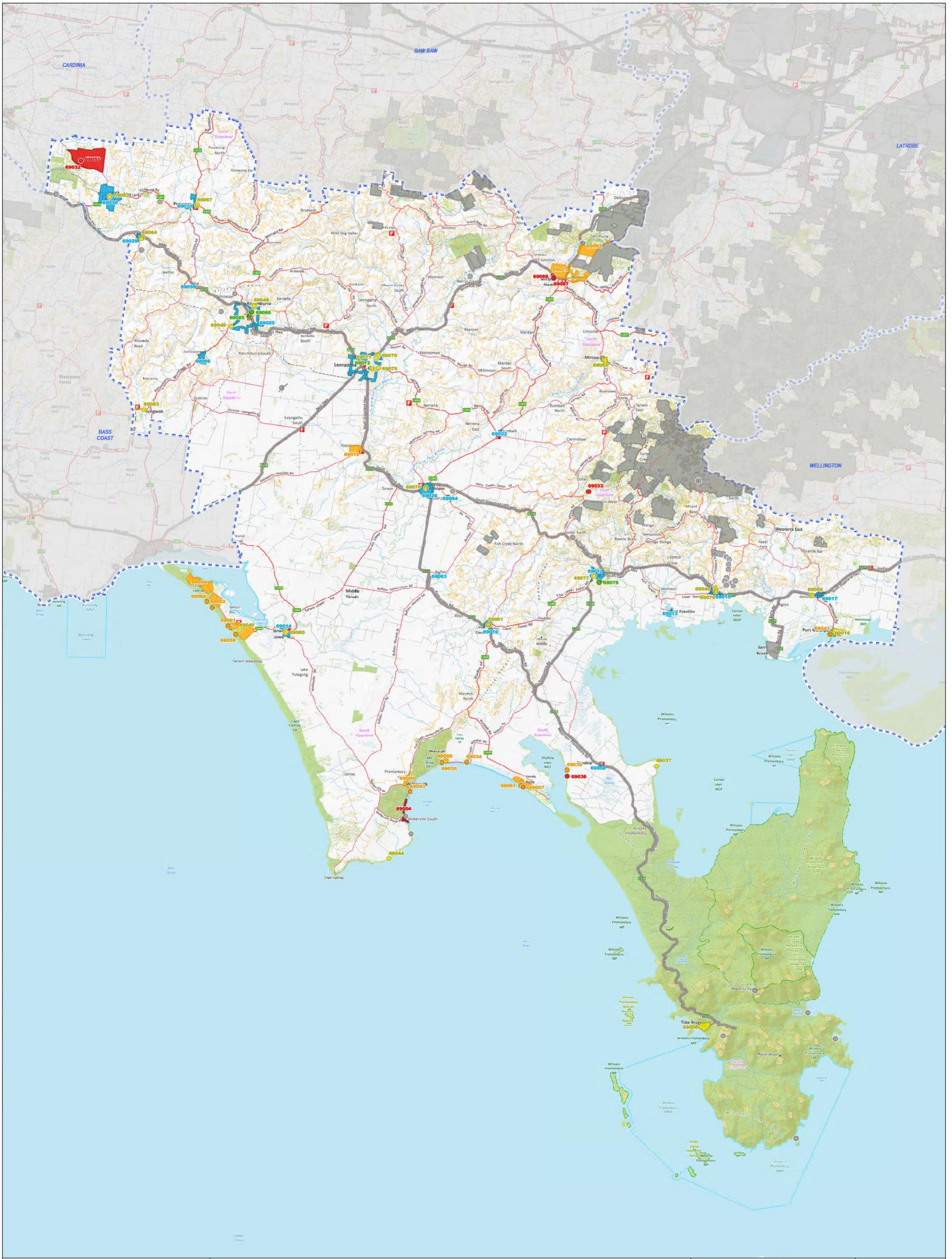
Come for the beauty. Stay for the lifestyle



Illustration: Colin Suggett - colinsugg@bigpond.com

South Gippsland Pictorial map by Colin Suggett May2010

Map 2: VFRR-B Human Settlement (Assets) Map



Victorian Fire Risk Register (VFRR)



VFRR
Supports and informs your plan

Municipality : South Gippsland

Municipality ID : 69

Version Number : VCU2

Date Produced : 12/07/2012

HUMAN SETTLEMENT Map

Map Display Area

Neighbouring LGA

VFRR Risk Rating

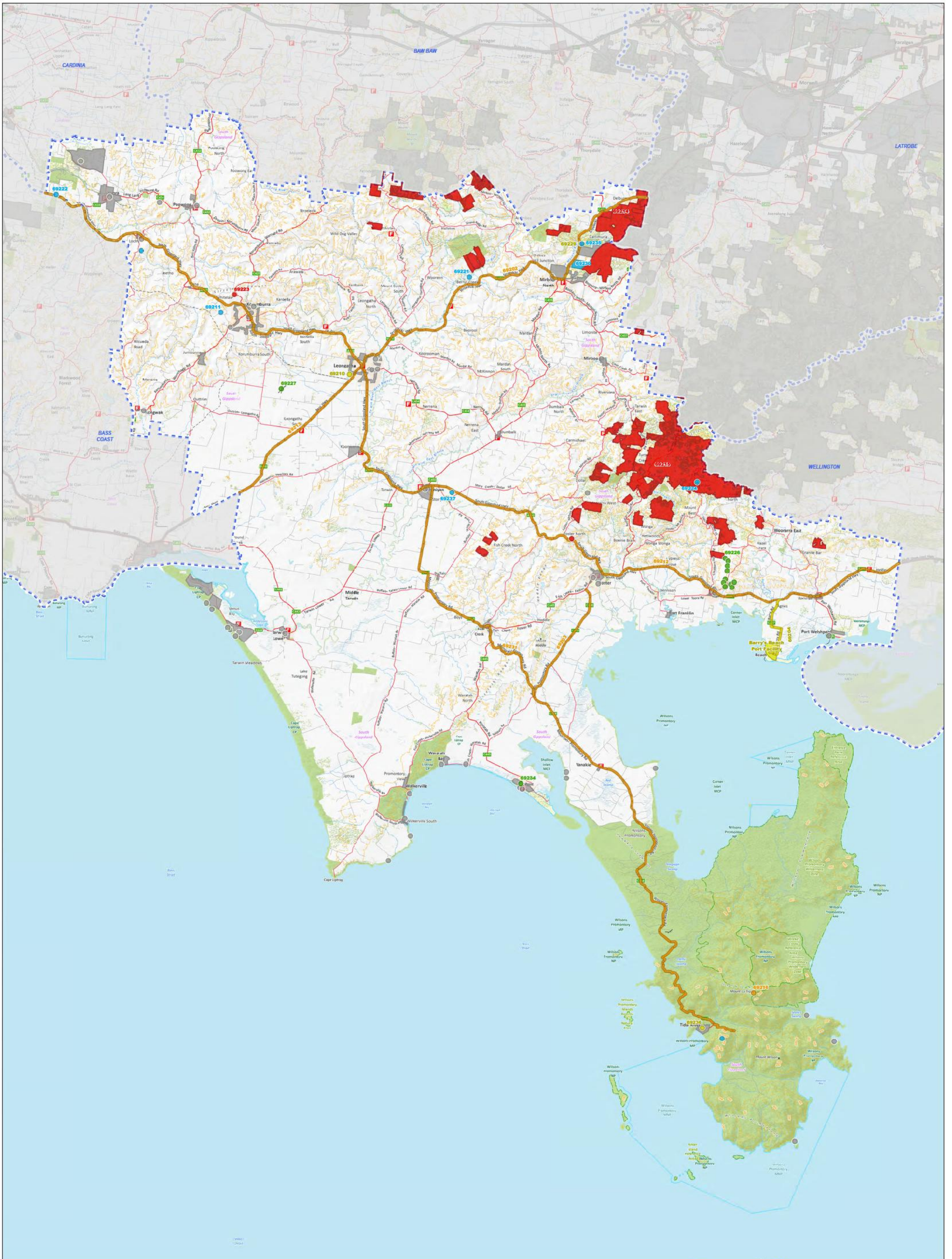
Remaining Asset Classes

NA
Low
Medium
High
Very High
Extreme

0 2 4 6 Km

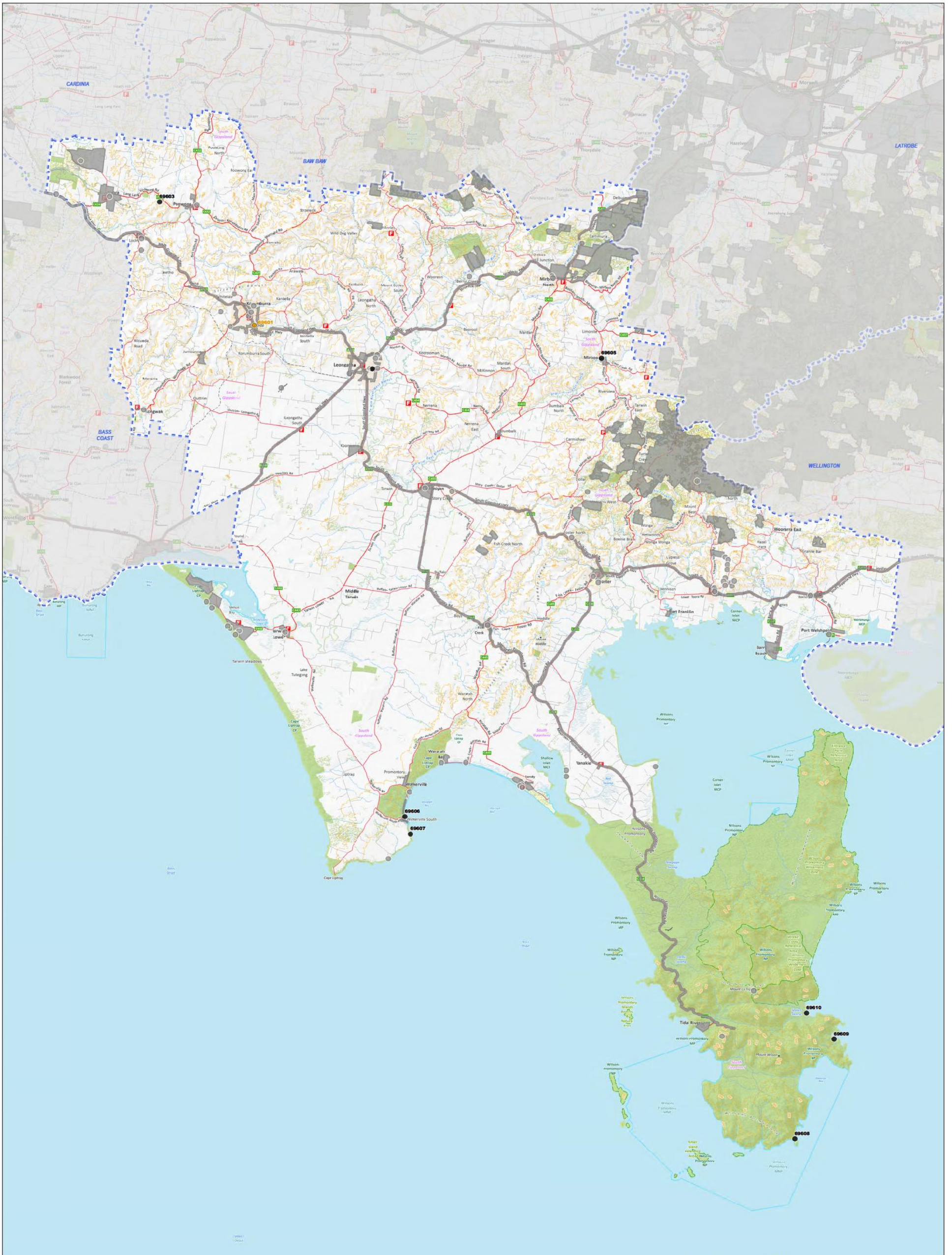
Disclaimer:
This map forms part of the baseline risk register, covering the local government area. It should be viewed in conjunction with the accompanying documentation which provides further details on the risks, the assets assessed and the risk assessment process used.
The municipal working group makes every effort to ensure the quality of the information available on this map.
This map is a snapshot generated from Victorian Government data. The data of Victorian does not guarantee that the publication is without error of any kind or is wholly appropriate for your particular purposes and therefore assumes no liability for any loss or damage which may arise from reliance upon it. All persons accessing the information should make appropriate enquiries to assess the currency of the data.

Map 3: VFRR-B Economic (Assets) Map



<p>Victorian Fire Risk Register (VFRR)</p> <p>Supports and informs your plan</p>	<p>Municipality : South Gippsland Municipality ID : 69 Version Number : VCU2 Date Produced : 12/07/2012</p>	<p>ECONOMIC Map</p>	<p>Map Display Area</p> <p>Neighbouring LGA</p> <p>VFRR Risk Rating</p> <ul style="list-style-type: none"> Remaining Asset Classes NA Low Medium High Very High Extreme 	<p><small>Disclaimer: This map forms part of the baseline risk register covering the local government area. It should be viewed in conjunction with the accompanying documentation which provides further details on the area, the assets assessed and the risk assessment process used. The municipal working group makes every effort to ensure the quality of the information available on this map. This map is a snapshot generated from Victoria Government data. The data of Victoria does not guarantee that the information is without error or that it is wholly appropriate for your particular purposes and therefore disclaims all liability for any loss or damage which may arise from reliance upon it. All persons accessing this information should make appropriate enquiries to assess the currency of the data.</small></p>
---	--	--------------------------------	---	---

Map 4: VFRR-B Cultural/Heritage (Assets) Map



Victorian Fire Risk Register (VFRR)



Supports and informs your plan

Municipality : South Gippsland

Municipality ID : 69

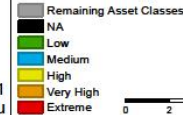
Version Number : VCU2

Date Produced : 12/07/2012

CULTURAL Map

Map Display Area Neighbouring LGA

VFRR Risk Rating

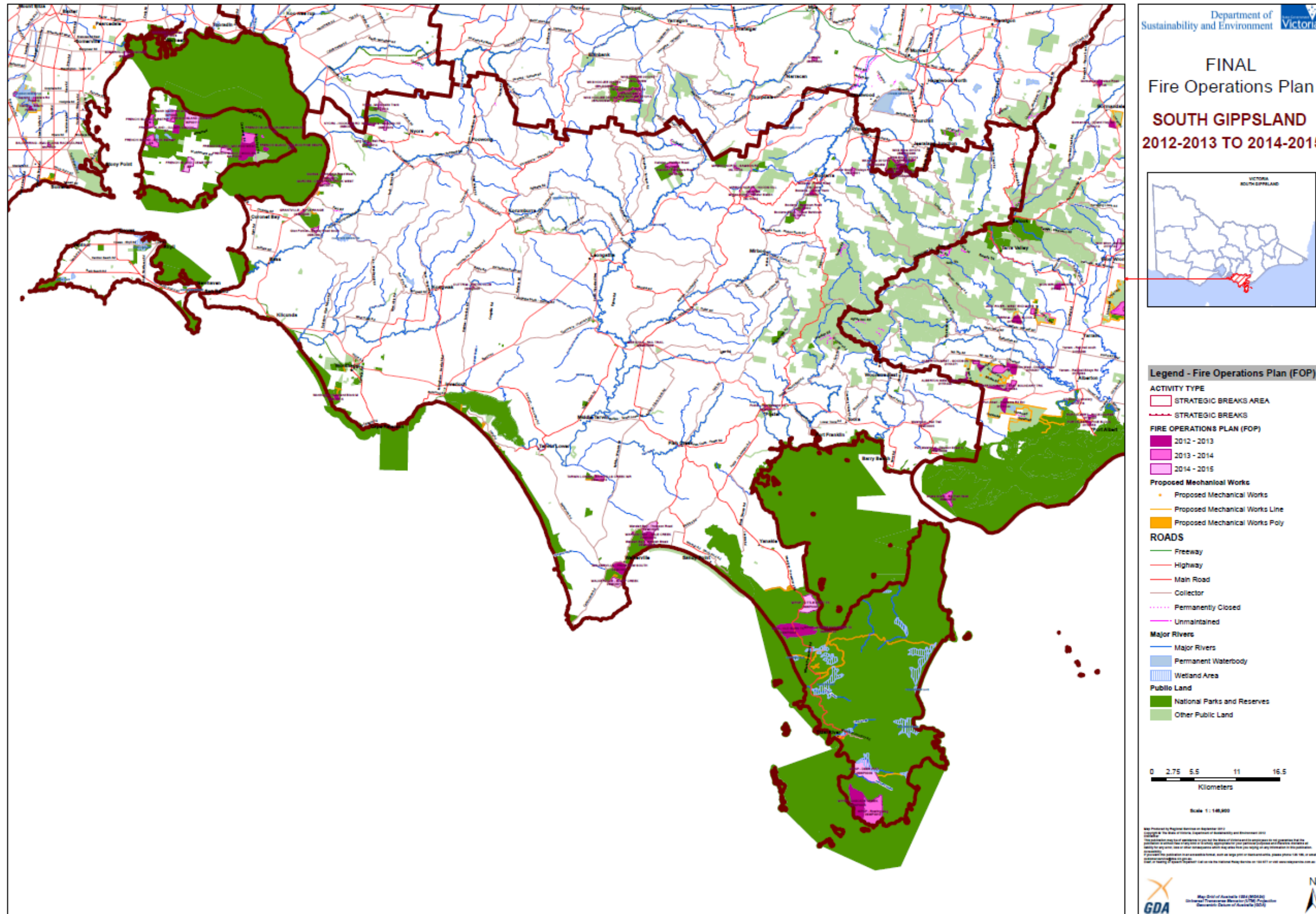


Disclaimer:
This map forms part of the baseline risk register covering the local government area. It should be viewed in conjunction with the accompanying documents which provide further details on the assets assessed and the risk assessment process used.
The municipal working group makes every effort to ensure the quality of the information available on the map.
This map is a snapshot generated from Victorian Government data. The State of Victoria does not guarantee that the publication is without error of any kind or is wholly appropriate for your particular purposes and therefore disclaims all liability for errors or omissions which may arise from reliance upon it. All persons accessing this information should make appropriate enquiries to assess the currency of the data.

Recommended Print Size: A1
email: vfr-support-team@cfa.vic.gov.au

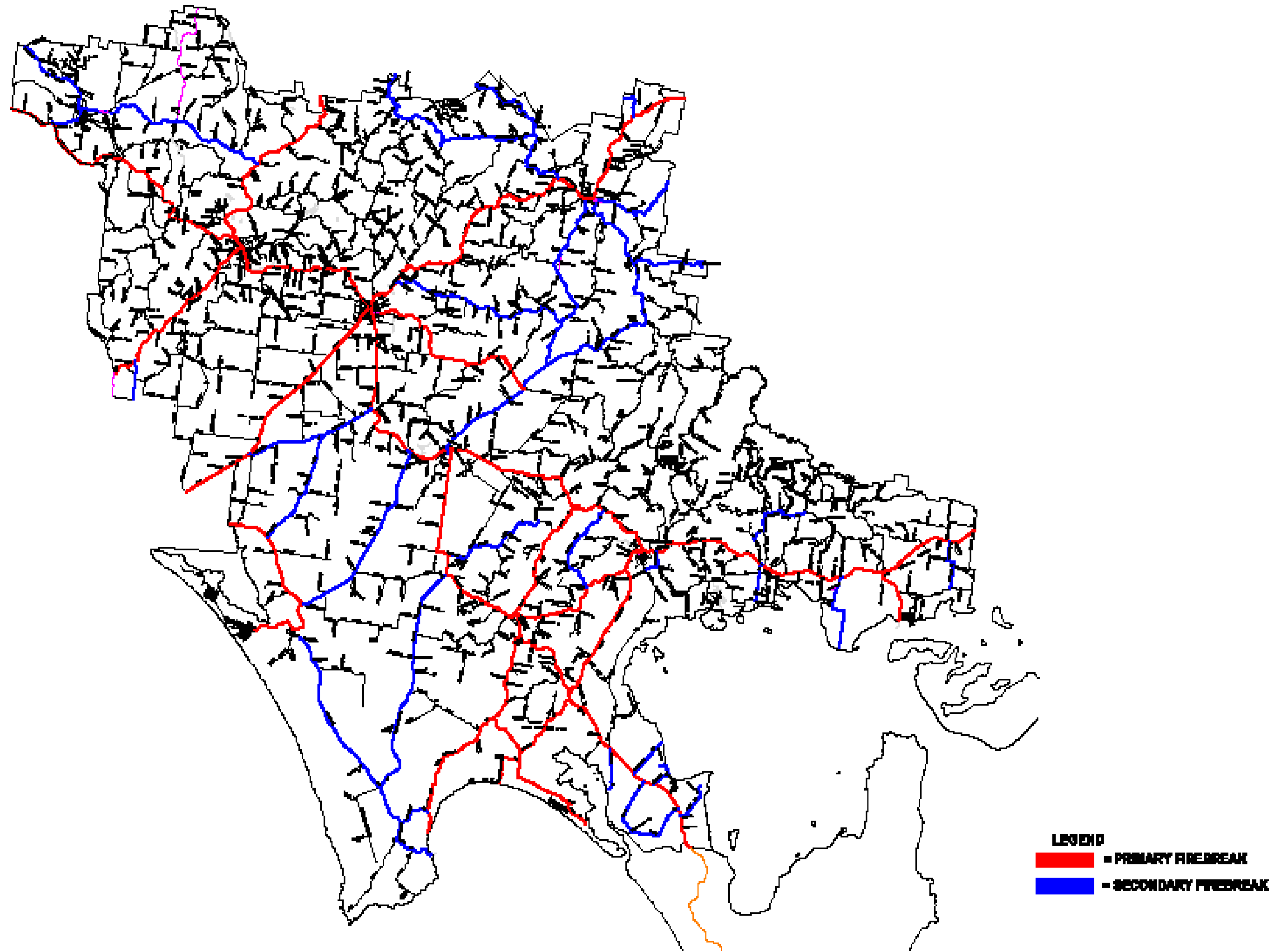


Map 5: Final Fire Operations Plan (DEPI) South Gippsland 2012/13 to 2014/15

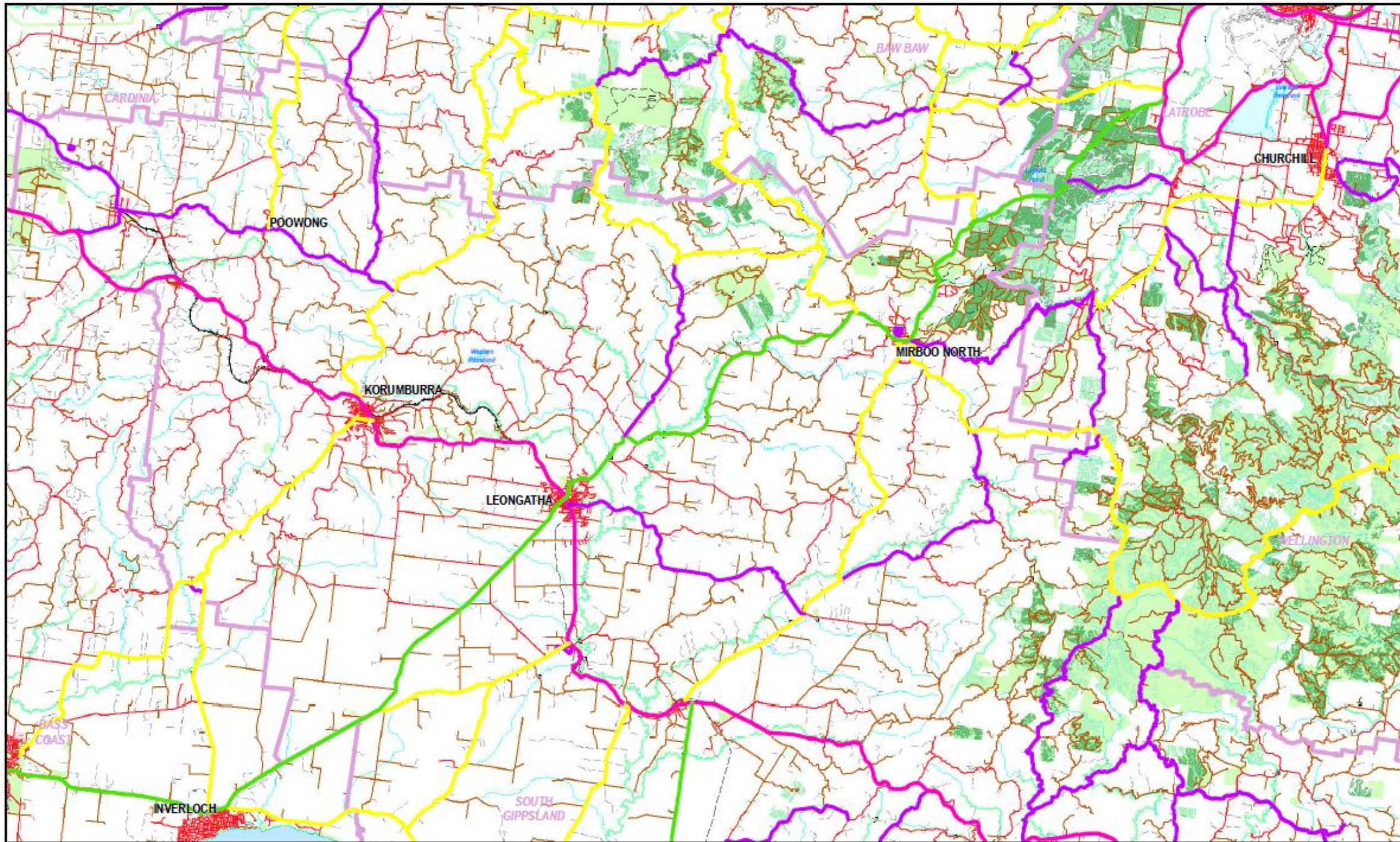


For further details or to access the DEPI Interactive map that shows all approved planned burns and mechanical works for 2012/13-2014/15 in detail go to [Fire Operations Plans - Approved](#).

Map 6: South Gippsland Strategic Fuel Breaks



Map 7: South Gippsland Shire North – Road Classification



Legend

Classifications	Roadways	Watercourses	Designated Plantations
<ul style="list-style-type: none"> Regional Local Local (Provisional) SA Boundaries 	<ul style="list-style-type: none"> Highway Arterial Road Local Road Local (Provisional) Local (Closed) Road (ABO) Road (Provisional) Making or Site Path 	<ul style="list-style-type: none"> Permitted Operational Not Operational Stream Ditch and Channel Reservoir/Waterbody Waterbody Boundary Waterbody Boundary 	<ul style="list-style-type: none"> Hard Wood Soft Wood Native Vegetation Public Land Ball Up Area

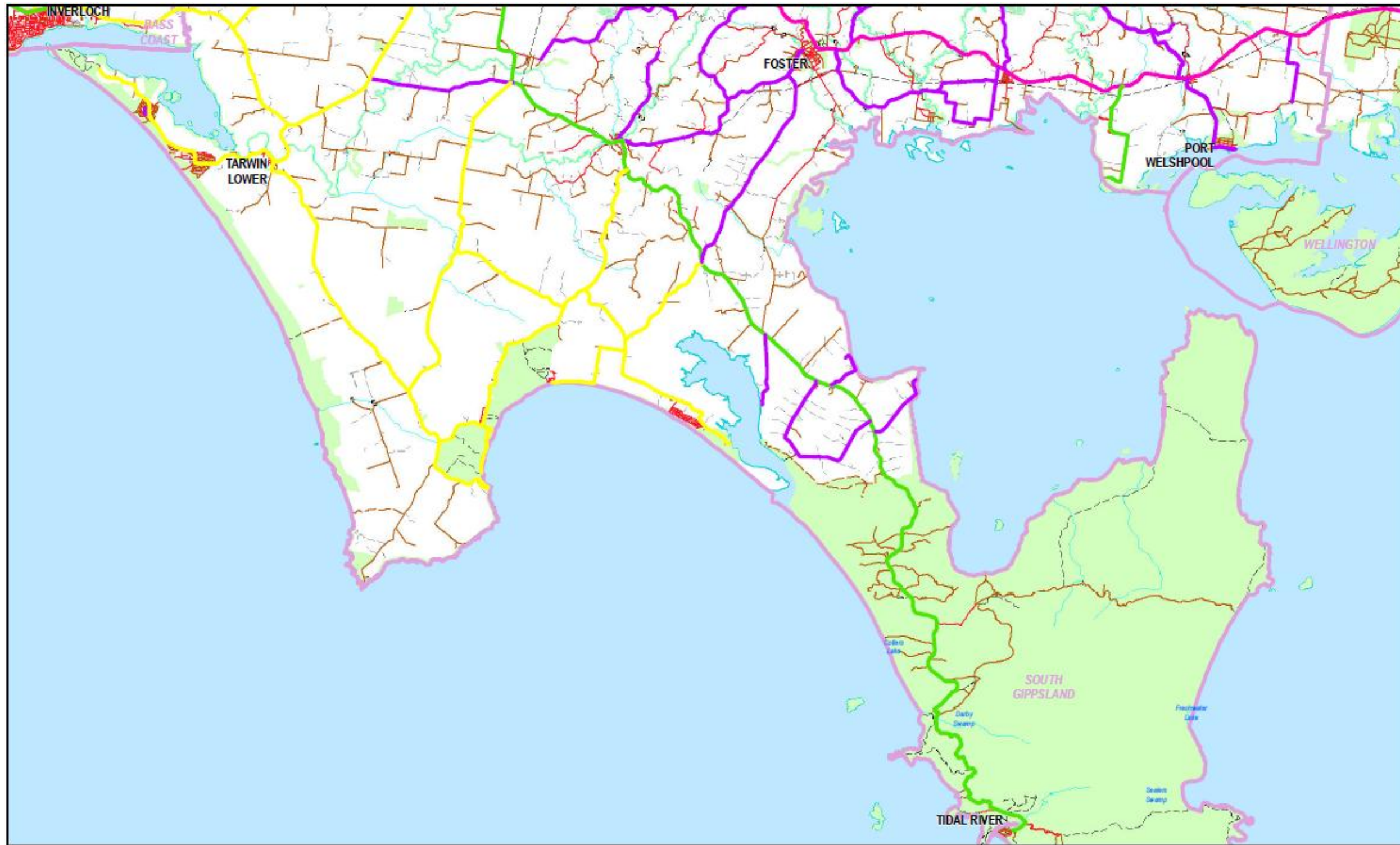
South Gippsland Shire North - Road Classification

Objectives and Performance of Roadside Fire Management
 Objective 1.6: Provide safe vehicle access and egress for the community and fire management and suppressor operations.
 The Service level, Performance and Usage descriptions of roads throughout the community are identified as follows:

ROAD DESCRIPTION	SERVICE LEVEL	PERFORMANCE	USAGE DESCRIPTION
State Road	High	High	Highly used for long distance travel and heavy commercial traffic.
Arterial Road	Medium-High	Medium-High	Used for regional travel and heavy commercial traffic.
Local Road	Medium	Medium	Used for local travel and light commercial traffic.
Local (Provisional) Road	Low-Medium	Low-Medium	Used for local travel and light commercial traffic.
Local (Closed) Road	Low	Low	Used for local travel and light commercial traffic.
Road (ABO)	Low	Low	Used for local travel and light commercial traffic.
Road (Provisional)	Low	Low	Used for local travel and light commercial traffic.
Making or Site Path	Low	Low	Used for local travel and light commercial traffic.

GIS Services
Community Safety

Map 8: South Gippsland Shire South – Road Classification



Legend Classifications National (Purple) Regional (Yellow) Local (Orange) Local Unsealed (Red) SA Boundaries (Pink)		Roadways Freeway (Green) Highway (Red) Aerial Road (Blue) Aerial Unsealed (Light Blue) Local Road (Brown) Local Private Road (Light Brown) Local Unsealed (Light Orange) Road FWD (Light Green) Road Proposed (Dashed Line) Walking or Bike Path (Dotted Line)		Rail (Operational) (Black) Rail (Proposed) (Dashed Line) Rivers (Blue) Streams and Channels (Light Blue) Perennial Waterbody (Light Blue) Intermittent Waterbody (Light Blue) Wetland (Green)		Designated Plantations Hard Wood (Green) Soft Wood (Light Green) Not Planted (Light Green) Native Vegetation (Light Green) Public Land (Light Green) Built Up Area (Light Green)	
<h3>South Gippsland Shire South - Road Classification</h3>							
<p>Objectives and Performance of Roadside Fire Management</p> <p>Objective 1.4: Provide safe vehicle routes and access for the community and fire management and suppression operations.</p> <p>The Service level, Performance and Usage descriptions of roads throughout the community are identified as follows:</p>							
<p>ROAD CLASSIFICATION</p> <p>National Highway</p> <p>Regional Road</p> <p>Local Road</p> <p>Local Unsealed Road</p>		<p>ROADWAY TYPE</p> <p>Freeway</p> <p>Highway</p> <p>Aerial Road</p> <p>Aerial Unsealed Road</p> <p>Local Road</p> <p>Local Private Road</p> <p>Local Unsealed Road</p> <p>Road FWD</p> <p>Road Proposed</p> <p>Walking or Bike Path</p>		<p>DESIGNATED PLANTATIONS</p> <p>Hard Wood</p> <p>Soft Wood</p> <p>Not Planted</p> <p>Native Vegetation</p> <p>Public Land</p> <p>Built Up Area</p>			

Attachment F – Links to other plans

Quick Find by Organisation type	Owner/Manager	Document Name	Year Issued / Plan Life	Multi-agency	Links to Business Plans for resource allocation	Fire Hazards	Fire use
Community	Committees of Mngt	The Great Southern Rail Trail Vegetation Management Plan				Bushfire	
CMA	CMA	Catchment Management Plan	Y - 5	N	Y	Bushfire	
Emergency Services Organisation	DHS	Gippsland Regional Recovery Plan					
Emergency Services Organisation	DHS	Regional Recovery Plan	Y		Y	All	
Emergency Services Organisation	DEPI	Ecological Fire Management Plans (Heyfield District)	Y - 1	N	Y	Bushfire	Ecological
Emergency Services Organisation	DEPI	Fire Operation Plans 2011/12 – 2013/14 (Annually, 3 Yrs. Rolling)	11/12 - 3	Y	Y	Bushfire	Ecological/Fuel Management /Suppression
Emergency Services Organisation	DEPI	Fire Protection Plan (CLCP, FMP)					
Emergency Services Organisation	DEPI	Gippsland Regional Fire Protection Plan (cover all Districts)	1999 - 10	N	Y	Bushfire	Ecological/Fuel Management
Emergency Services Organisation	DEPI	Road Management Plan					
Emergency Services Organisation	Police	Divisional Emergency Response Plans	Y - 2	Y	Y	All	
Fire Service	CFA	District Operational Management Plans – D9, D10, D11	Y - 3	Y	N	All	Suppression
Fire Service	CFA	Pre Incident Plans - CFA brigades have PIP's for significant risk within their area, including schools, hospitals, places of accommodation and industrial/chemical risks.		Y	N	All	Suppression
Fire Service	CFA: District 9	District Operational Management Plans	Y - 3	Y	N	All	Suppression
Fire Service	CFA: District 9	Pre Incident Plans - CFA brigades have PIP's for significant risk within their area and Brigade Sub-plans.		Y	N	All	Suppression
Fire Service	DEPI/PV	Cape Liptrap Coastal Park Waratah Bay – Shallow Inlet Coastal Reserve 2010	2010 - 12		Y	Bushfire	Environmental
Fire Service	DEPI/PV	Cape Liptrap Local Fire Management Plan	2010				
Fire Service	DEPI/PV	Conservation Reserves Management Strategy					
Fire Service	DEPI/PV	Corner Inlet and Nooramunga M&CP Draft Management Plan	1996 - 12		Y	Bushfire	Environmental
Fire Service	DEPI/PV	Corner Inlet Ramsar Site Strategic Management Plan	2002				
Fire Service	DEPI/PV	Shallow Inlet M&CP Draft Management Plan	1990 - 12		Y	Bushfire	Environmental
Fire Service	DEPI/PV	South Gippsland Marine and Coastal RIC Area Emergency Management Plan	2011				
Fire Service	DEPI/PV	Wilson Promontory Management Plan & MCPlan	Y - 12		Y	Bushfire	Environmental
Fire Service	DEPI/PV	Wilsons Promontory National Park Emergency Management Plan	2011				
Fire Service	DEPI/PV	Wilsons Promontory NP Management Plan	2002 - 16		Y	Bushfire	Environmental
Fire Service	DEPI	Gippsland Regional Forests Agreements	Y - 3	N	Y	Bushfire	Environmental/Commercial
Municipality	SGSC	Road Management Plan		N	Y	Bushfire	
Municipality	SGSC	Heatwave Plan 2009					
Municipality	SGSC	Baths Rd Bush Reserve, Mirboo North – Fire Management Plan (and Prescribed Burn Plan)	2010		Y	Bushfire	
Municipality	SGSC	Dickies Hill Reserve, Mirboo North – Fire Management Plan (and Prescribed Burn Plan)	2011		Y	Bushfire	
Municipality	SGSC	Hammann's Reserve, Leongatha North – Fire Management Plan (and Prescribed Burn Plan)	2011		Y	Bushfire	
Municipality	SGSC	Hudson Park, Korumburra, – Fire Management Plan (and Prescribed Burn Plan)	2011		Y	Bushfire	
Municipality	SGSC	Kings Park, Leongatha – Fire Management Plan (and Prescribed Burn Plan)	2011		Y	Bushfire	
Municipality	SGSC	Koonwarra Bush Reserve, Koonwarra – Fire Management Plan (and Prescribed Burn Plan)	2010		Y	Bushfire	
Municipality	SGSC	Koonwarra Gravel Pit Reserve, Koonwarra – Fire Management Plan (and Prescribed Burn Plan)	2011		Y	Bushfire	
Municipality	SGSC	Pioneer Reserve, Kongwak – Fire Management Plan (and Prescribed Burn Plan)	2011		Y	Bushfire	
Municipality	SGSC	Tarwin Lower Flora Reserve, Tarwin Lower – Fire Management Plan (and Prescribed Burn Plan)	2011		Y	Bushfire	
Municipality	SGSC	Tom Kindellan Reserve, Nerrena – Fire Management Plan (and Prescribed Burn Plan)	2011		Y	Bushfire	
Municipality	SGSC	Van Cleef Reserve, Venus Bay 2 nd Estate – Fire Management Plan (and Prescribed Burn Plan)	2010		Y	Bushfire	
Municipality	SGSC	Wuchatsch Reserve, Nyora – Fire Management Plan (and Prescribed Burn Plan)	2010		Y	Bushfire	
Municipality	SGSC	Electric Line Clearance Tree Management Plan, Procedures	2011		Y	Bushfire	Suppression
Municipality	SGSC	Fire Prevention Works Plans			Y	Bushfire	Suppression

Quick Find by Organisation type	Owner/Manager	Document Name	Year Issued / Plan Life	Multi-agency	Links to Business Plans for resource allocation	Fire Hazards	Fire use
Municipality	SGSC	Municipal Emergency Management Plan	Y - 6	Y	Y	All	Suppression
Municipality	SGSC	Municipal Fire Prevention Plan	Y - 6	Y		All	
Municipality	SGSC	Municipal Planning Scheme	Y - 7			All	
Municipality	SGSC	Recovery Plan					
Municipality	SGSC	Road Management Plan 2009	2009				
Municipality	SGSC	Van Cleef Reserve – Fire Management Plan 2010					
Plantation Managers	HVP	Fire & Emergency Plans - Hancock, includes sub regional plans.	Y - 1	N	Y	Bushfire	
Plantation Managers	HVP	Fire Protection Plan – Strategic Document Fire Operations Folders HVP/CFA Forest Industry Brigade Agreement					
Plantation Managers	HVP	Fire Strategy and Management Plan	2011 – 1	N	Y	Bushfire	Suppression
Plantation Managers	HVP	HVP Arson Prevention Plan					
Plantation Managers	HVP	HVP Forest Stewardship Plan 2010					
Police	Police	Gippsland Emergency Response Plan 2011					
Police	Police	Gippsland Emergency Response Plan 2011					
Rail	Rail	Corridor Fire Prevention Plans (Subset of State plan)	Y - 1	N	Y	Bushfire	
Rail	VLine	Fire and Emergency Plans					
RAMSAR	RAMSAR	Corner Inlet Ramsar site strategic Management plan.	Y - 3	N	Y	Bushfire	
RAMSAR	RAMSAR	Corner Inlet Strategy Management Plan	Y - 3	N	Y	Bushfire	
RAMSAR	RAMSAR	Gippsland Lakes Ramsar site strategic Management plan.	Y - 3	N	Y	Bushfire	
Schools – Private, Catholic	VRQA	Emergency Management Plan					
Schools – Public	DEECD	Emergency Management Plan					
Telcon	Telstra	Asset Protection Plans	Y - 1	N	Y	All	
Tourism	Gippsland Tourist Rail	South Gippsland Railway – Right of Way Maintenance Policy					
Utility	SP AusNet - Distribution	Bushfire Mitigation Manual					
Utility	SP AusNet - Distribution	Bushfire Mitigation Plan	Y - 1	No	Yes	Bushfire	
Utility	SP AusNet - Distribution	Bushfire Mitigation Procedures & Form Vegetation Management Plan & Procedures					
Utility	SP AusNet - Distribution	Bushfire Mitigation Strategy					
Utility	SP AusNet - Transmission	Guidelines for the Safety of Fire & Emergency Services Operating in the Vicinity Extra High Voltage Transmission Assets					
Utility	SP AusNet - Transmission	Network Management Plan					
Utility	SP AusNet - Transmission	Transmission line maintenance plans (Regional subset of State)	Y - 1	N	Y	Bushfire	
Utility	SP AusNet - Transmission	Vegetation Management Plan & Procedures					
VicRoads	VicRoads	Foster-Promontory Road Fire Management Plan					
VicRoads	VicRoads	Road Management Plans					
VicRoads	VicRoads	Roadside Vegetation Management Plans	Y - 1	N	Y	Bushfire	

Attachment G – Fire Access Roads / Egress Tracks

Area	Fire Access Road	Access for	Responsible Agency	Maintained
Koonwarra	Reserve of Old Meeniyar- Koonwarra Road (near Tarwin River Bridge)	Fire Fighting Vehicles	SGSC	Annually
Stony Creek	Recreation Reserve for access to Reserve Dam	Fire Fighting Vehicles	Recreation Reserve Committee	Annually
Nyora	Wuchatsch Reserve through to Koala Court: Signed as (Emergency Access)	Cars, 4WD, Fire Fighting Vehicles	SGSC	As required
All DEPI Fire Access Roads			DEPI	Annually
All HVP Fire Access Tracks			HVP	Annually

Funding for fire access road construction and maintenance is available through the Ministry of Police and Emergency Services. Applications are called for and made through the CFA. Where fire access roads are identified for construction or maintenance, the MFMP shall adopt a priority listing and applications made for accordingly by the MFPO. All funding is on a shared basis with the municipality.

Fire access roads/ tracks are constructed and/or Maintained expressly for fire management purposes to;

- provide safe and secure access for authorised vehicles,
- provide access to high fire risk areas,
- provide a link between established routes to reduce travel times for fire fighting vehicles, and
- provide a safe and adequate means of escape or alternative means of escape for persons residing in the area.

Fire access roads facilitate a rapid and concentrated response to areas where it will be critical to enable the early containment of an outbreak of fire, and where Road access is limited and off Road operation of two wheel drive fire fighting vehicles would be difficult.

Where fire access roads are identified for construction or Maintenance, the MFMP shall adopt a priority listing and applications made for accordingly by the MFPO. The Fire Access Rd Subsidy Scheme (FARSS) is administered by CFA and is a State funded subsidy scheme. Subsidies are available for Municipalities for the construction and Maintenance of fire access roads or construction of Static water supplies. Funding is provided annually.

Maintain removable bollards or gates with a standard key locking system and suitable signage at the entrance to all fire access tracks



Page Intentionally Blank



Attachment H – Static Water Supplies

Static water supplies (water tanks) have been provided at various sites for the purposes of water supply for fires.

It is the responsibility of the South Gippsland Shire Council to ensure annually that each water tank site is in “fit for purpose” condition and the responsibility of the local CFA fire brigade to ensure tanks are full of water during the Fire Danger Period. The sites currently with static water supplies are detailed in the table below.

It is the responsibility of DEPI to maintain their fire dams.

It will be the responsibility of the MFMPC, DEPI and local brigades to identify any short comings in the adequate supply of water to any location.

Town	Location	CFA Fittings Yes/No
Arawata	Arawata Old School site	Yes
Darlimurla	Darlimurla Estate (2 sites)	Yes
Darlimurla	Darlimurla Hall	Yes
Hedley	Hedley Hall	Yes
Leongatha South	Bass Highway (adjacent to Wares Rd)	Yes
Leongatha South	Leongatha Airfield, Aircraft filling facility	Yes
Milford	Milford Fire Station	Yes
Mount Best	Mt Best Hall	Yes
Nyora	Wuchatsch Reserve	Yes
Promontory view Estate	Refer Walkerville	Yes
Ruby	Ruby Fire Station	Yes
Sandy Point	Sandy Point Fire Station	Yes
Strzelecki	Seabrook Park	Yes
Tarwin Lower	Tarwin Lower Fire Station	Yes
Venus Bay	Jupiter Blvd, Lees Rd 2 nd Estate	Yes
Venus Bay	Lees Road - two fire dams	N/A
Venus Bay	Point Smythe - fire dam	N/A
Walkerville (Promontory View Estate)	Walkerville Fire station	Yes
Walkerville	Walkerville Hall	Yes
Waratah Bay	Gale St, Adjacent to pergola	Yes
Yanakie	Yanakie Fire Station	Yes
Yanakie	Yanakie Airbase (90KL)	Yes with adaptor (on site)




Adequate water supply for the purpose of fire fighting is integral to planning for fire suppression. Static water supply for fire fighting purposes is also available from;

- water supply from nearby town supplies,
- permanent rivers or streams,
- farm dams or reserved fire fighting dams, and
- sea water (undesirable but usable),

Each Fire Brigade has developed a Plan of the sites available for rural water supply that have been selected by the brigades as being permanent, accessible, reliable and adequate sites from which to obtain water for fire fighting purposes. Plans should be kept in an easily identifiable and available location at each Fire Station.



Attachment I – Fuel Management Breaks

Area	Access Road Name	Access for	Responsible Agency
South Gippsland Strategic Fuel Breaks	Refer Map 6 South Gippsland Strategic Fuel Management (fire break) Break (Attachment E) and Appendix 1. below	All	VicRoads SGSC
South Gippsland Public Land Fuel Breaks	<p>Using this DEPI Website link: Fire Operations Plans - Approved</p> <p>or</p> <p>Refer Page 95 in the follow document: Gippsland plan  [PDF File - 2.1 MB]</p>		DEPI PV

Appendix 1 to Attachment I contain the current list of the Strategic Fuel Management (Fire) Breaks taken from the South Gippsland MFPP. These Fuel Management Breaks which are all roads are maintained, as identified, by either South Gippsland Shire Council or VicRoads. These road Fuel Management Breaks are currently under review as part of a Gippsland RSFMPC region wide initiative.



Appendix 1 – South Gippsland Shire & VicRoads Fuel Management Breaks

Below is the current list of the Strategic Fuel (Fire) Breaks taken from the South Gippsland MFPP.

Definition of Strategic Fuel Management Break (fire break)

“A fuel management break (fire break) established as part of a pre-planned strategy to form the basis of a control line and access corridor”.

Strategic Fuel Management Breaks

A strategic fuel management break (fire break) is established where sites are identified because of their ability to be used as a fuel management break (fire break) and a major traffic corridor. There are primary and secondary breaks.

All strategic fuel management breaks (fire breaks) are the highest priority for both by fire prevention works and road surface maintenance.

Primary Fuel Management Break (fire break)

Breaks designed to provide protection to the municipality as a whole, provide pre-planned control lines and are usually along the declared highways and main (arterial) road system or rail system. Primary fuel management breaks (fire breaks) have been identified as:

Access Road Name	Access for	Responsible Agency	Maintained
South Gippsland Highway	All vehicles	VicRoads	Annually
Bass Highway	All vehicles	VicRoads	Annually
Strzelecki Highway	All vehicles	VicRoads	Annually
Korumburra-Warragul Road	All vehicles	VicRoads	Annually
Korumburra-Wonthaggi Road	All vehicles	VicRoads	Annually
Inverloch-Venus Bay Road	All vehicles	VicRoads	Annually
Fish Creek-Foster Road	All vehicles	VicRoads	Annually
Foster-Promontory Road	All vehicles	VicRoads	Annually
Soldiers Road	All vehicles	SGSC	Annually
Waratah Road	All vehicles	VicRoads	Annually
Fish Creek-Walkerville Road	All vehicles	SGSC	Annually
Sandy Point Road	All vehicles	VicRoads/SGSC	Annually
Meeniyah-Promontory Road	All vehicles	VicRoads	Annually
Falls Road	All vehicles	SGSC	Annually
Port Welshpool Road	All vehicles	VicRoads	Annually
Nerrena Road	All vehicles	VicRoads	Annually



Secondary Fuel management break (fire break)

Additional breaks designated by the MFPC and local brigades to provide protection and control lines at a local level and strategically divide the municipality. The secondary fuel management breaks (fire breaks) are identified as:

Access Road Name	Access for Type of Vehicle	Responsible Agency	Maintained
Korumburra-Inverloch Road	All vehicles	VicRoads	Annually
Korumburra-Drouin Road	All vehicles	VicRoads	Annually
Lang Lang-Poowong Road	All vehicles	VicRoads	Annually
McDonalds Track	All vehicles	SGSC	Annually
Koonwarra-Inverloch Road	All vehicles	SGSC	Annually
Koonwarra-Pound Creek Road	All vehicles	SGSC	Annually
Tarwin Lower Road	All vehicles	SGSC	Annually
Farmers Road	All vehicles	SGSC	Annually
Buffalo North Road	All vehicles	SGSC	Annually
Buffalo-Stony Creek Road	All vehicles	SGSC	Annually
Neils Road	All vehicles	SGSC	Annually
O'Grady's Ridge Road	All vehicles	SGSC	Annually
Buffalo-Waratah Road	All vehicles	SGSC	Annually
Millar Road	All vehicles	SGSC	Annually
Paterson Road	All vehicles	SGSC	Annually
Shellcotts Road	All vehicles	SGSC	Annually
Hazel Park Road	All vehicles	SGSC	Annually
Grip Road	All vehicles	SGSC	Annually
Rossiters Road	All vehicles	SGSC	Annually
Downings Hill Road (Part)	All vehicles	SGSC	Annually
Boolarra-Mirboo North Road	All vehicles	SGSC	Annually
Meeniyam-Mirboo North Road	All vehicles	VicRoads/SGSC	Annually
Mirboo North-Trafalgar Road	All vehicles	SGSC	Annually
Boolarra South-Mirboo North Rd	All vehicles	SGSC	Annually
Mirboo South Road	All vehicles	SGSC	Annually
Mardan Road	All vehicles	VicRoads	Annually
Walkerville Road	All vehicles	SGSC	Annually
Barry Road	All vehicles	VicRoads	Annually
Walkerville South Road	All Vehicles	SGSC	Annually



Other Fuel Management Breaks/Buffer Zones

Other fuel management break of buffer zones are designed to provide minimization of radiant heat and separation from the “flame zone” in identified areas of the Municipality. They do not necessarily provide access for fire fighting personnel to attack a fire-front or defend relevant infrastructure.

Other fuel management breaks/Buffer zones currently identified are:

Buffer zone behind houses fronting Canterbury Road Venus Bay. Starting at Community Centre and end at the Transfer Station reserve. Length approx. 710 metres, width 6 metres

Standard of Hazard Removal

The objective of this section will be to define the desired requirements for locations of roadside works for fire prevention and the standards to be achieved.

Intrinsic to these requirements will be the need for the Road Authorities (Council and VicRoads) and the Public Transport Commission, to provide and maintain the roads and bridges in a condition that is suitable for both emergency response and for the easy and safe movement of general commuter traffic.

The roadside maintenance works required are aimed at fine fuel reduction methods that have an objective of reducing fire intensity to assist with the safe passage of traffic, to help reduce the risk of spread of wildfire from the roadside to adjoining land, to stop some fires from spreading across country and to assist suppression forces in containing wildfires.

Declared Roads

VicRoads is the responsible road authority and in accordance with their “Code of Practice for Fire Prevention in Declared Road Reserves,” the guidelines proposed are deemed to be acceptable compliance with fuel reduction practices. Every road within the declared road system forms a part of the “strategic fuel management break (fire break)” system and hence the importance of those roads as means of access and the need for maximization of sound fuel reduction practices.

The standards set in the Code of Practice divide the road system into the following five broad categories for types of country;

- Dense timber and undergrowth in forest areas,
- Light timber and undergrowth,
- Timber and undergrowth adjacent to grassland country,
- Grassland and scattered trees and vegetation,
- Open grassland.

For each category there are guidelines given for work requirements however they are general only and are to be used as a guide only.

The one constant guide given over all of their categories is “the cutting and/or slashing of vegetation up to 3 metres behind the guide posts where practicable”.

This standard is approved by the MFMPC for all VicRoads roads Highways, Main Roads and Tourist Roads.

Local Roads

Local roads are all roads that are not a part of the declared road system and are under the control of Council. They do not include roads on private land or another public authorities’ land. Local roads include numerous roads within the defined “strategic fuel management break (fire break)” system.

The standards proposed for local roads are;

- All roads shall be constructed or formed and maintained to a standard to provide all weather and all vehicle access,
- All new constructions, re-constructions or pavement rehabilitations shall be made to provide a minimum 6.0 metre wide pavement. Where this is not achievable due to low traffic counts or steep topography, regular passing bays and turning circles shall be provided,
- All road name signs shall be displayed and erected in a clearly visible location. The signs shall be maintained in a clean and readable condition. “No Through Roads” shall be marked accordingly,
- All strategic fuel management break (fire break)s forming a part of the local road system shall be slashed both sides of the road to a distance of 1.0 metre behind the guide post line or where no posts exist, slashing to 1.8 metre from the edge of the road surface, where practicable. This guideline shall achieve a minimum 10.0 metre clear width including the road surface, where possible,
- Slashing shall occur on all such roads prior to the fire season and as required thereafter depending upon growth and to a suitable minimum fuel load capacity,
- Where strategic fuel management break (fire break) reserve widths exceed 20 metres (1 chain) and lead into or away from any built up area, slashing should be carried out to the fence line (if practicable) unless the roadside management plan requires otherwise. Refer to Appendix B for the strategic fuel management break (fire break) map. All other sealed and where possible, unsealed roads should be slashed to the guide post line or 1.8 metre from the road surface edge and achieve a minimum 10.0 metre clear width including the road surface, at a timing the same as in 5 above,



Page Intentionally Blank



Attachment J – MFMPC Membership and Stakeholder Distribution List

MFMP Membership	Current Primary Representative	Email Address
CFA	Operations Officer District 9	
CFA	Leongatha Korumburra Group Delegate	
CFA	South Gippsland Group Delegate	
CFA	Mirboo Group, Delegate	
CFA	Vegetation Management Officer	
DEPI	Fire Management Officer	
South Gippsland Shire Council	Emergency Management Coordinator	
South Gippsland Shire Council	Municipal Fire Prevention Officer	
Parks Victoria	Chief Ranger West Gippsland	
HVP	District Forester	
Victoria Police	Municipal Emergency Response Coordinator	
External Stakeholders	Can view the MFMP on the Integrated Fire Management Planning website using this link: South Gippsland	



Page Intentionally Blank



Term	Description
Acceptable risk	The level of potential losses that a society or community considers acceptable, given existing social, economic, political, cultural, technical and environmental conditions.
Assets and values²⁷	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.
Assumption	A conclusion that is reached based on the information available at the time.
Bushfire	A general term used to describe a fire in vegetation.
Community	A group of people with a commonality of association and generally defined by location, shared experience or function.
Combustible gas	A gas that will burn when it is within its flammability range.
Combustible liquid	A liquid that has a flash point above 61° C.
Combustion	Rapid oxidation of fuels producing heat, and often light.
Community based disaster risk management	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'.
Consequence	Outcome or impact of an event.
Control Line	See Fireline
Critical infrastructure	<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"> • Telecommunications • Electrical power systems • Gas and oil Storage and transportation • Banking and finance • Transportation • Water supply systems (and sewerage). <p>Adapted from Critical Infrastructure Advisory Council (CIAC).</p>

²⁷ Code of Practice for Emergency Management on Public Land

Term	Description
Detection system	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.
Detector (fire)	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.
Elements at risk	The population, buildings and civil engineering works, economic activities, public services and infrastructure etc. exposed to sources of risk.
Emergency	An event, actual, or imminent that endangers or threatens to endanger life, property or the environment, and that requires a significant and coordinated response.
Essential service (Essential Services Commission Act 2001)	A service (including the supply of goods) provided by: <ul style="list-style-type: none"> • The electricity industry • The gas industry • The ports industry • The grain handling industry • The rail industry • The water industry • (g) Any other industry prescribed for the purpose of this definition.
Event	Occurrence of a particular set of circumstances. An incident or situation that occurs in a particular place during a particular interval of time.
Frequency	A measure of the number of occurrences per unit of time.
Fire	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"> • A fire; and • An explosion, • A Rd accident or any other accident, • A disruption
Fire Access Track	A track constructed and/or maintained expressly for fire management purposes.
Fireline	A natural or constructed barrier, or treated fire edge, used in fire suppression and prescribed burning to limit the spread of fire.
Fuel Management	Modification of fuels by prescribed burning, or other means. (AFAC)
Hazard	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. ²⁸
Impact	See consequence.
Leadership group	A subgroup of the broader committee comprising the risk category, technical knowledge and experience.

²⁸ ISDR, 2008. Climate Resilient Cities

Term	Description
Likelihood	Used as a general description of probability or frequency – can be expressed qualitatively or quantitatively.
Loss	Any negative consequence or adverse effect – financial or otherwise.
Mitigation	Measures taken in advance of a disaster, aimed at decreasing or eliminating its impact on society and environment.
Monitor	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.
Organisation	Group of people and facilities with an arrangement of responsibilities, authorities and relationships.
Practicable²⁹	What is realistic to achieve in the context of: <ul style="list-style-type: none"> ▪ the severity of the hazard or risk in question ▪ the State of knowledge about that hazard or risk and any ways of removing or mitigating that hazard or risk ▪ the availability and suitability of ways to remove or mitigate that hazard or risk ▪ the cost of removing or mitigating that hazard or risk.
Preparedness	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.
Prevention	Regulatory and physical measures to ensure that emergencies are prevented, or their effects mitigated.
Probability	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.
Recovery	The coordinated process of supporting emergency affected communities in the reconstruction of the physical infrastructure and restoration of emotional, social, economic and physical wellbeing.
Residual risk	Risk remaining after implementation of risk treatment.
Resilience	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 ³⁰

²⁹ Dangerous Goods (Storage and Handling) Regulations 2000

S.R. No. 127/2000

³⁰ UN/ISDR, Geneva 2004



Term	Description
Response	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.
Risk	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 ⁶ .
Risk analysis	Systematic process to understand the nature of, and deduce, the level of risk.
Risk assessment	The overall process of risk identification, analysis and evaluation
Risk criteria	Terms of reference by which the significance of risk is assessed.
Risk evaluation	Process of comparing the level of risk against risk criteria.
Risk identification	The process of determining what, where, when, why and how something could happen.
Risk management	The culture, process and Structures that are directed towards realising potential opportunities whilst managing adverse effects.
Risk management process	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.
Risk reduction	Actions taken to lessen the likelihood, negative consequences, or both, associated with a risk.
Risk register	A listing of risk Statements describing sources of risk and elements at risk, with assigned consequences, likelihoods and levels of risk.
Risk treatment	Process of selection and implementation of measures to modify risk. The term 'risk treatment' is sometimes used for the measures themselves.
Smoke alarm	A device which is activated by the presence of smoke and sounds an alarm.
Smoke Detector	A device which is sensitive to the presence of smoke
Source of risk	Source of potential harm.
Stakeholders	Those people and organisations who may affect, be affected by, or perceive themselves to be affected by a decision, activity or risk.
Structures	Any building, industrial plant, erection, edifice, wall, chimney, fence, bridge, dam, reservoir, wharf, jetty, earth works, reclamation, ship, floating structure, or tunneling works.
Susceptibility	The potential to be affected by loss.
Tolerable Risk	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.
Treatment	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



Term	Description
	objectives.
Treatment (adequacy) assessment	Systematic review of processes to ensure that controls are Still effective and appropriate.
Vulnerability	The conditions determined by physical, social, economic and environmental factors or processes, which increase the susceptibility of a community to the impact of hazards. ³¹
Vulnerable people (DHS definition)	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 via following the Link: [Bushfire Glossary, AFAC Knowledge Web](#)

A full Urban (Structure Fire) glossary can be viewed via following the Link: [Urban Glossary, AFAC Knowledge Web](#)

³¹ UN/ISDR, Geneva 2004



Page Intentionally Blank



Attachment L – Acronyms

Acronyms	Definition
AR	Alpine Resort
AV	Ambulance Victoria
ABS	Australian Bureau of Statistics
AFAC	Australian Fire and Emergency Service Council
BCA	Building Code of Australia
BMO	Bushfire Management Overlay
BPA	Bushfire Prone Areas
CMA	Catchment Management Authority
CIG	Community Information Guides (previously Township Protection Plans)
COAG	Council of Australian Governments
CFA	Country Fire Authority
DoD	Department of Defence
DEECD	Department of Education and Early Child Development
DHS	Department of Human Services
DPCD	Department of Planning and Community Development
DEPI	Department of Environment and Primary Industries (previously Department of Sustainability and Environment and Department of Primary Industries)
EMP	Emergency Management Plan
ESO	Emergency Services Organisation
EPA	Environment Protection Agency
EHO	Environmental Health Officer
FOP	Fire Operations Plan
FSC	Fire Services Commissioner
GLGN	Gippsland Local Government Network
GRP	Gippsland Regional Plan
HVP	Hancock Victorian Plantations
HAZMAT	Hazardous Material
IFMP	Integrated Fire Management Planning
LUP	Land Use Planning
LGA	Local Government Area



Acronyms	Definition
MSV	Marine Safety Victoria
MOU	Memorandum of Understanding
MAV	Municipal Association Victoria
MEMP	Municipal Emergency Management Plan
MEMPC	Municipal Emergency Management Planning Committee
MERC	Municipal Emergency Response Coordinator
MFMP	Municipal Fire Management Plan
MFMPC	Municipal Fire Management Planning Committee
MFPO	Municipal Fire Prevention Officer
MFPP	Municipal Fire Prevention Plan
NSP - PLR	Neighbourhood Safer Place – Place of Last Resort
PV	Parks Victoria
PIP	Pre Incident Plan
PPRR	Prevention Preparedness Response Recovery
RAMSAR	Ramsar Convention
RSFMP	Regional Strategic Fire Management Plan
RSFMPC	Regional Strategic Fire Management Planning Committee
SGSC	South Gippsland Shire Council
SGW	South Gippsland Water
SRW	Southern Rural Water
SFMPC	State Fire Management Planning Committee
VicPol	Victoria Police
VICSES	Victoria State Emergency Service
VBRC	Victorian Bushfire Royal Commission
VEAC	Victorian Environmental Assessment Council
VFF	Victorian Farmers Federation
VFRR-B	Victorian Fire Risk Register



Attachment M – References

Document Originator	Reference Title
Australian Bureau of Statistics	Australian Bureau of Statistics – Census Data 2006, 2011
State Government	Building Act 1993
COAG	Building Code of Australia (BCA) 1990, Building Regulations 1994
COAG	Building Code of Australia (BCA) 1990, Building Regulations 1994
Fire Services Commissioner Victoria	Building New Foundations
State Government	Building Regulations 2006
Fire Services Commissioner Victoria	Bushfire Safety Policy Framework
CFA	Caravan Park Fire Safety 2012
DSE (now DEPI)	Code of Practice for Bushfire Management on Public Land 2012
VicRoads	Code of Practice for Fire Prevention on Declared Roads
Fire Services Commissioner Victoria	Community Refuge Policy
South Gippsland Shire Council	Community Strengthening Strategy 2008-2010
State Government	Country Fire Authority Act 1958, CFA Regulations 1992
State Government	Dangerous Goods Regulations 2000
State Government	Emergency Management Act 1986
State Government	Flora and Fauna Act 1988
State Government	Forests Act 1958
State Government	Health Act 1958
SFMPC	Integrated Fire Management Planning Framework
SFMPC	Integrated Fire Management Planning Guide 2010
AS/NZS	ISO 31000 : 2009
State Government	Living with fire - Victoria's Bushfire Strategy
CFA	Making Victoria Fire ready (Implementing Governments response to 2009 VBRC)
South Gippsland Shire Council	Municipal Emergency Management Plan 2012
State Government	National Parks Act 1975
State Government	Planning and Environment Act 1987
State Government	Road Management Act 2004
CFA	Roadside Fire Management Guidelines for Strategic Fire Prevention Works
State Government	State Conservation Strategy 1987
SFMPC	State Fire Management Strategy 2009
South Gippsland Shire Council	The Economic Impact of the April 2005 Bushfire at Wilson's Promontory
SP AusNet	VEM Hazard Tree and 56M Assessment Procedure
CFA	VFRR Exports, Reports & Handouts
VicRoads	VicRoads 1085 Code of Practice

Page Intentionally Blank

