Municipal Fire Management Plan 2017 – 2020
Moorabool Shire
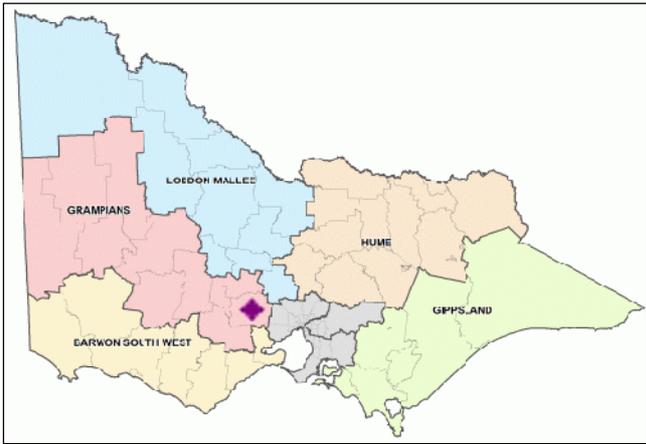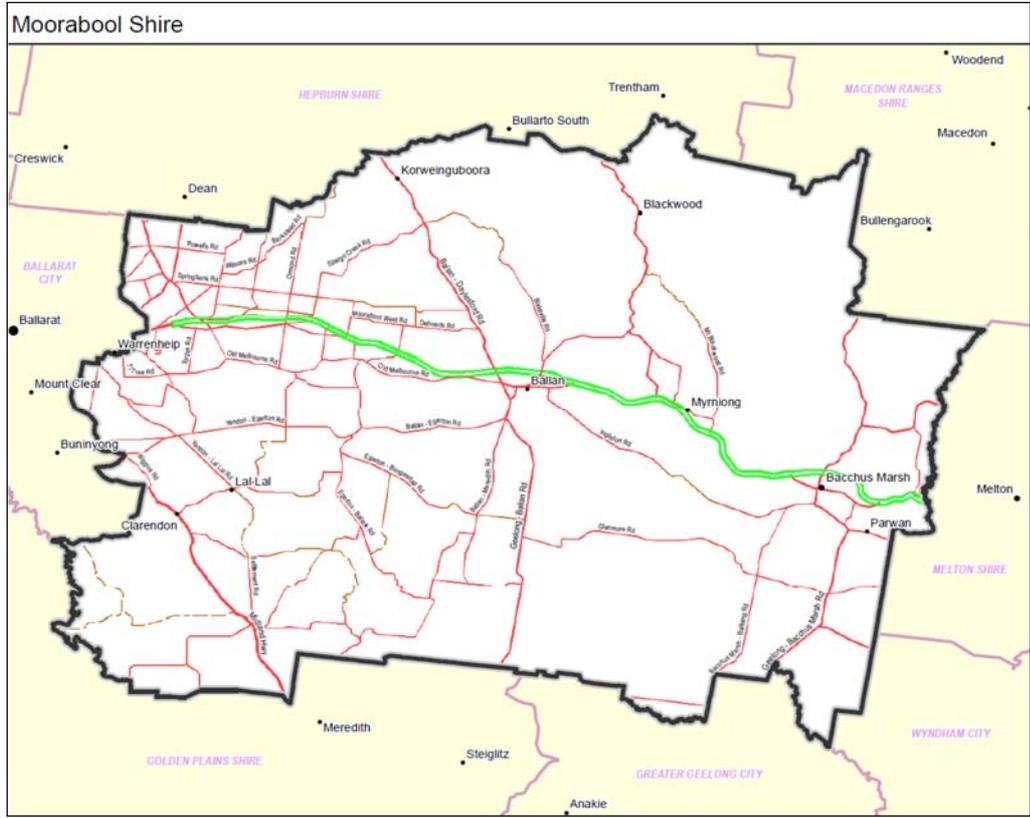
Version 3
Adopted: 6 December 2017

Figure 1: Map of Fairer Victoria Boundaries and the Moorabool Shire Boundary

Foreword

The third iteration of the Moorabool Shire Municipal Fire Management Plan (MFMP) is focused on bushfire risk as a regional priority, and now includes structure fire and hazardous materials incident risks. The VFRR has been extensively updated since the first version and included in the appendices.

The Moorabool Shire Municipal Fire Management Planning Committee (MFMPC) will continue to work through a defined risk assessment and review process in relation to the Before, During and After preparations for fire using consistent processes and tools as they become available.

The Moorabool Shire acknowledges and thanks all those who have contributed to the production of this plan and those who have been willing to commit their time and considerable expertise, both as members of the Moorabool Shire MFMPC and those who supplied agency specific information for this publication.

Context Statement

This version of the MFMP has been endorsed as a plan to enable and inform organisational and agency planning. It is recognised that strategies and deliverables outlined in this plan will develop further over the next three years with incremental versions of the plan to be produced and endorsed by the Municipal Emergency Management Planning Committee over this period.

All comments should be forwarded to:

Moorabool Shire Council
PO Box 18
Ballan Vic 3342

Version Control Table

Version Number	Date of Issue	Author(s)	Brief Description of Change
Version 2	Dec 2014	Moorabool Shire	Full Version 2014 - 2017
Version 2	April 2015	Moorabool Shire	Adopted Ordinary Meeting of Council 1April 2015
Version 2.1	November 2015	Moorabool Shire	Updated Workplans, Fire Access Tracks
Version 2.2	December 2016	Moorabool Shire	Updated Workplans, Fire Access Tracks
Version 3	November 2017	Moorabool Shire	Full version Review 2017-2020

Disclaimer - Hardcopies of this document are considered uncontrolled. Please refer to the Moorabool Shire website for the latest version.

Authorisation

This integrated Municipal Fire Management Plan 2017-2020 was adopted as the Moorabool Shire's MFMP.

This Plan was endorsed through a formal motion by the Moorabool Shire MFMPC at their meeting on 14 November 2017 for which the Chair of the committee will sign for and on behalf of all members of the Moorabool Shire MFMPC.

Signed: _Cherie Graham_   Date: _14 November 2017_

Cherie Graham
Chair MFMPC

Plan endorsed by:
Municipal Fire Management
Planning Committee

Signed: _Cherie Graham_   Date: _14 November 2017._

Cherie Graham
Chair MEMPC

Plan endorsed by:
Municipal Emergency
Management Planning
Committee

Signed: _____   Date: _6·12·2017_

Rob Croxford
Chief Executive Officer
Moorabool Shire

Plan adopted by Council.

Partner agencies and other stakeholders with actions assigned to them in this plan and who are not members of the Moorabool MFMPC, are represented on Grampians RSFMPC and have reviewed and commented on the Moorabool MFMP which was noted by the Grampians RSFMPC.

All agencies will be accountable for their respective activities, responsibilities and components within the Plan.

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Appendices

1   Introduction

This integrated Municipal Fire Management Plan (MFMP) is risk based, has regard to the social, economic, built and natural environment aspects of fire and guides participants involved in fire management activities. It is consistent with the Municipal Emergency Management Plan (MEMP) to ensure that the linkages across fire Preparedness, Prevention, Response and Recovery (PPRR) programs are consistent and holistic. The plan also contains appropriate reference to other uses of fire, including agricultural, ecological and cultural applications, and replaces the existing Municipal Fire Management Plan (MFMP).

Authority for this plan is derived from the *Emergency Management Act 1986* (the Emergency Management Act and the Emergency Management Act 2013, which provides that a Municipal Emergency Management Planning Committee (MEMPC) must give effect to any direction or guideline issued by the Co-ordinator in Chief (Section 21 (5)). In the country area of Victoria, a MFMP prepared and endorsed in compliance with guidelines contained within *Part 6A of the Emergency Management Manual Victoria*, will be deemed to fulfil Section 55A of the *Country Fire Authority Act 1958* (the CFA Act).

The purpose of this integrated MFMP is to chart the planned and coordinated implementation of measures designed to minimise the occurrence, and mitigate the effect of bushfire, grass fire, residential and industrial fires in the community.

The Fire Management Plan framework is designed to operate under existing fire and emergency management legislation and therefore does not replace existing statutory roles and responsibilities. The framework aims to support and enhance statutory requirements through government and agencies working together.

The third version of the Moorabool Shire's integrated MFMP seeks to achieve consistent and effective fire management planning within the Municipality through commitment to cooperation, including sharing and building of collective knowledge and experience at municipal and regional levels.

Critical to the success of Fire Management Planning is the ongoing building and maintaining of relationships across government, the private sector and the broader community. Participation, support and cooperative decision making by all these sectors working in collaboration to develop fire PPRR strategies, programs and plans for all types of fire risk, and meeting the needs of local communities are all essential for effective implementation of fire management planning.

This Moorabool Shire MFMP is an integrated plan combining plans from the Municipality, the Department of Environment, Land, Water and Planning (DELWP), Country Fire Authority (CFA), VicRoads and other key stakeholders.

1.1   Core Membership of the Moorabool Shire Municipal Fire Management Planning Committee

Membership of the Moorabool Shire Municipal Fire Management Planning Committee (MFMPC), as appointed by the MEMPC, will comprise of representatives from key agencies and organisations, including:

- Municipal Council
- Country Fire Authority (CFA)
- Department of Environment, Land, Water and Planning (DELWP)
- Victoria Police
- VicRoads
- Western Water
- Barwon Water
- Central Highlands Water
- SES
- Other members as required.

1.2   Role of the Municipal Fire Management Planning Committee

Provide a municipal level forum to build and sustain organisational partnerships, generate a common understanding and shared purpose with regard to fire management, and ensure that the plans of individual agencies are linked and complement each other.

The Moorabool Shire's MFMPC functions under Section 55 of the CFA Act are:

▪ Plan the burning or clearing of firebreaks;
▪ Advise the appropriate authorities as to the existence of and steps to be taken for the removal of fire hazards within the area;
▪ Advise and make recommendations to the municipal council in the preparation of its MFPP and MFMP;
▪ Recommend to CFA or to the appropriate authorities (as the case may require) any action which the committee deems necessary or expedient to be taken for reducing the risk of an outbreak of fire or for suppressing any fire which may occur within the area;
▪ Advise the fire prevention officer concerning the removal of fire hazards under Section 41 of the CFA Act;
▪ Refer to the Regional Strategic Fire Management Planning Committee (RSFMPC) for consideration of all matters which in the opinion of the MFMPC should be so referred; and
▪ Carry out such other functions as are conferred or imposed upon MFMPC by regulations made upon the recommendation of the Authority.

The role of the MFMPC as per the Moorabool Shire Council's MFMPC Terms of Reference are:

▪ Plan for fire management and develop a fire management plan for the Moorabool Municipal footprint in a manner that coordinates fire management activities and acts as a conduit to the community.
▪ Make recommendations to the MEMPC on fire management planning issues.
▪ Monitor, review and report on the delivery of the Municipal Fire Management Plan.
▪ Advocate to the Regional Strategic Fire Management Planning Committee for municipal fire management needs.
▪ Work with Municipal Emergency Planning and Recovery Committees to align planning activities.
▪ To share knowledge and create an environment of continuous improvement.
▪ Develop and maintain interagency partnerships.

The preparation of this MFMP has involved the experience of agencies and authorities charged with responsibilities for fire management, local CFA brigades and community consultation. This collaboration has ensured the development of a holistic and integrated approach to fire management across all land users, and that the strategies adopted were based on practical local knowledge and common sense.

A further role of the Grampians RSFMPC is to ensure that any risks that cross municipal boundaries are treated in a seamless and consistent manner, regardless of land tenure.

2 Engagement and Communications

2.1 Stakeholder Analysis

Stakeholders involved in fire management planning in Moorabool Shire have been categorised into three groups according to their chosen levels of participation in integrated fire management planning and their information requirements.

This stakeholder analysis informed the development of a communications and engagement strategy which will develop a shared understanding of how communications will occur, when communications will occur and why communications will occur. This will increase efficiencies, reduce duplications and provide consistent messaging through the implementation of IFMP in the Moorabool Shire. (Refer to Appendix D – Engagement and Communications Strategy).

2.2 Communications Objectives

The achievement of fire management objectives and the success of fire management outcomes will be dependent on effective communications in all planning and implementation phases. The objectives of the communications plan will be to:

- Build a collaborative approach to integrated fire management planning;
- Identify internal communication flows within organisations;
- Ensure that communication across agencies is effective in developing a shared understanding of the issues and key responsibilities and that all agencies deliver a consistent message to the community and their stakeholders;
- Support a greater commitment to IFMP;
- Build resilient relationships and sound networks between key stakeholders;
- Consult with communities so that local knowledge is captured in the planning process that the communications plan supports;
- Foster better communication and planning between the agencies and local communities; and
- Achieve greater consistency from all levels of government on key policy issues.

2.3 Communication and Engagement Principles

The Moorabool Shire MFMPC recognises the value of local knowledge and the unique contribution the community can make to the MFMP planning process.

Effective community engagement in fire management planning is required to:

- Promote acceptance, understanding and joint problem solving;
- Raise knowledge and skills of fire management through participation;
- Produce plans that support community and organisational expectations; and
- Incorporate community and organisational needs into the development of plans.

2.3.1 Stakeholder and Community Consultation and Engagement

A stakeholder and community engagement strategy sets out the time specific consultation program, which featured:

- Community information sessions;
- Stakeholder briefings; and
- Online engagement programs.

2.3.2   Communications

An extensive communications plan for the initial plan was developed and supported the consultation program and raised awareness among the general community about the role of the MFMP and Community Information Guides.

2.3.3   Submissions

Submissions from local agencies are reviewed annually.

2.3.4   Key Engagement Process to Develop the Municipal Fire Management Plan

Figure 1 below describes the key engagement process involved in the development of the MFMP.
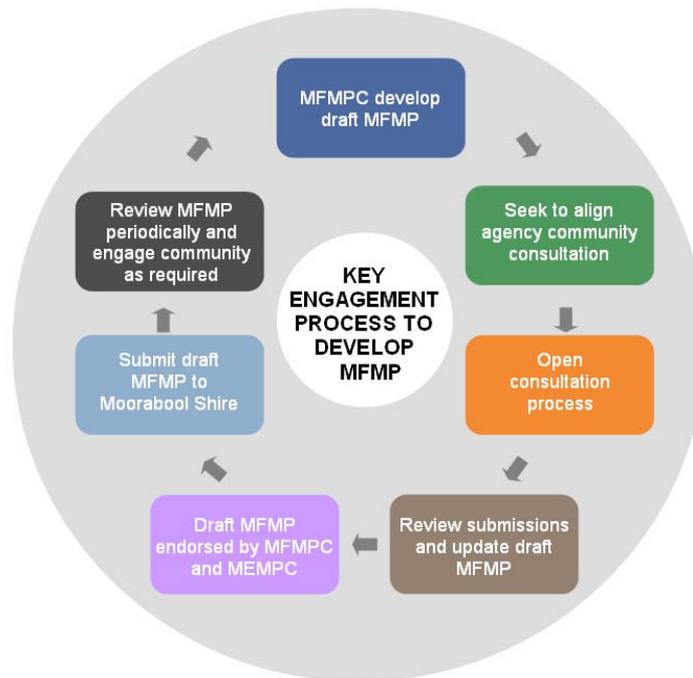
Figure 1: Key Engagement Process to Develop MFMP

3   Environmental Scan

3.1   Location and Tenure

Moorabool Shire covers an area of approximately 2,110 square kilometres and is located in the Central Highlands region of Victoria, about 80 kilometres west of the western urban/rural fringe of the Melbourne metropolitan area. Moorabool Shire is bounded by Hepburn Shire Council in the north, Macedon Ranges Shire Council in the north-east, the Melton Shire Council in the east, the Wyndham City Council in the south-east, the Greater Geelong City Council and Golden Plains Shire Council in the south, and the Ballarat City Council in the west.

Moorabool features 18 localities, hamlets and towns that have a population less than 100 and includes the towns and rural districts of Bacchus Marsh, Ballan, Balliang (part), Balliang East, Barkstead, Barrys Reef, Beremboke, Blackwood, Blakeville, Bolwarrah, Bullarook (part), Bullarto South (part), Bunding, Bungal, Bungaree, Buninyong (part), Cargerie, Clarendon, Claretown, Clarkes Hill, Coimadai, Colbrook, Dales Creek, Darley, Dunnstown, Durham Lead (part), Elaine, Fiskville, Glenmore, Glen Park (part), Gordon, Greendale, Grenville (part), Hopetoun Park, Ingliston, Korobeit, Korweinguboora (part), Lal Lal, Leigh Creek, Lerderderg, Long Forest, Maddingley, Meredith (part), Merrimu, Millbrook, Mollongghip (part), Morrisons (part), Mount Doran, Mount Egerton, Mount Wallace, Myrniong, Navigators, Parwan (part), Pentland Hills, Pootilla, Rowsley, Scotsburn (part), Spargo Creek, Springbank, Trentham (part), Wallace, Warrenheip (part), Wattle Flat (part) and Yendon.

Land use

http://profile.id.com.au
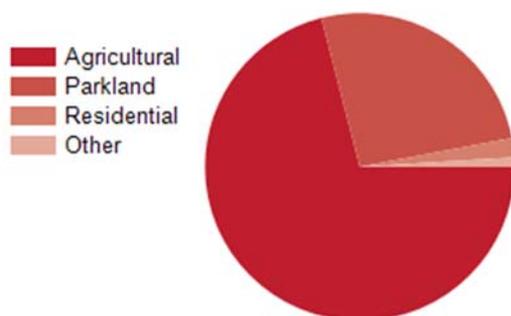
3.2   Our Traditional Owners

Moorabool MFMPC acknowledges the Indigenous history of Moorabool Shire. The land was traditionally occupied by and connected to a number of Aboriginal communities, most notably the Wada Wurrung (also known as Wathaurong) Tribe and Woi Wurrung Tribe which extends north east, and we respect the spirits of their ancestors among us.

3.3   Natural Environment

The Shire is environmentally diverse with topography that is characterised by great ranges, plains and rugged river gorges. These landforms provide spectacular scenery and a great variety of plants and animals. Boasting many significant areas of flora and fauna including the Wombat State Forest in the north, Brisbane Ranges National Park in the south, Lerderderg State Park in the east, Werribee Gorge State Park centrally located in the Shire and a number of regionally significant reserves. 74% of the Shire is made up of water catchment, state forest or national park.

Some of the many reservoirs in the Shire are the Lal Lal, Bostock, Pykes Creek, Moorabool and Korweinguboora. The Shire also includes three major rivers, the Werribee, Lerderderg and Moorabool.

3.4   Land Use

Moorabool Shire is predominantly a rural area, but also has substantial forests, waterways (including water catchments and storages) and rural residential areas. Most of the northern area is rural, with a large portion being forest. Much of the rural area in the Shire is used for agricultural purposes, including horticulture, sheep and beef farming, timber production and more recently, viticulture. There is also some mining.

3.5   Climate and Bushfire Season

The climate in the Moorabool area is dominated by warm dry summers and cool wet winters. In recent years there has been a significant decrease in average spring and autumn rainfalls. The bushfire season generally runs from December to April.

Prevailing weather conditions associated with the bushfire season in the Moorabool Shire area are warm to hot north westerly winds accompanied by high temperatures and low relative humidity followed by a cool south westerly change.

Under the State Government climate change projections, Moorabool Shire can expect:

- To be hotter with the greatest increases in temperature expected in summer;
- To be drier with greatest decreases in rainfall expected in spring; and
- To have fewer rainy days but increasing rainfall intensity.

3.6   Population and Demographics

Settlement of the area dates from the 1830s, with growth from the 1850s due to the discovery of gold in Buninyong, Gordon and nearby Ballarat. Townships in Bacchus Marsh and Ballan grew as stopping points for coaches from Melbourne on their way to the goldfields, with Bacchus Marsh now the retail centre of the Shire. Significant development has occurred in and around Bacchus Marsh and Ballan in recent decades, particularly from the early 1990s.

According to the .id organisation, the estimated official population of Moorabool Shire in 2016 was 32,311. More than half the population lives in Bacchus Marsh and surrounds (18,585). The Shire's second largest population can be found in and around Ballan (3,010). The remaining population is distributed throughout the large number of small towns, hamlets and farming areas within the Shire.

The majority of people who relocate to Moorabool Shire are young families seeking a semi-rural lifestyle. Moorabool's demographic reflects this trend.

3.7   History of Fire and Ignition Causes

A summary of major fires is as follows:

Month / Year	Fire Name
December 2015	Scotsburn Fire
February 2013	Mt Warrenheip (Bungaree) Fire
February 2013	Yendon Fire
February 2009	Muskvale Fire
January 2008	Morrisons Fire
January 2006	Anakie Fire
February 1997	Creswick Fire
February 1983	Ash Wednesday Fires (Greendale)
January 1983	Greendale

Table 3: Moorabool Shire Bushfire History

Stubble burning practices can also lead to grassland fire but with required attendance any outbreaks have similarly not progressed to major fires.

Significant Structure Fire
There has been only one significant structure fire within the Moorabool Shire which is the St Brigids Catholic Church, Inglis Street, Ballan in 2009.

3.8   Future Fire Management Implications

Future vulnerabilities will include larger landholdings managed by consortiums and serviced by contractors leading to declining populations in the broad acre cropping areas. This demographic combined with an aging population has seen previously robust communities devolve to more populated centres. This occurrence will potentially lead to delayed suppression activities.

Removal and harvesting of Blue Gum plantations and transition of land back to broad acre farming could transfer fire risk from forest to grass fire, leading to an increase in incidents due to greater human activity level on this land resulting in more frequent ignitions, faster moving, longer running grass fires.

An increase in individuals purchasing land for rest and relaxation purposes has resulted in more absentee land owners. These land owners traditionally have less understanding of fuel and fire management requirements, have little engagement with the community, and live externally to the municipality. This limits their capacity and ability to undertake regular fuel management works and participate in local community networks.

4   Municipal Fire Management Objectives

4.1   Objectives/Outcomes

The primary objectives of the Moorabool Shire MFMP are to:

▪ *Effectively manage and reduce the risk of fire, with a view to protecting life and property and with due regard to our natural environment; and*

▪ *Align and integrate existing fire management planning and practices across agencies and the community.*

The Moorabool Shire MFMP is a strategic and operational document that identifies communities and assets at risk through an Environmental Risk Scan incorporating Council's existing MFMP and MEMP, using the Victorian Fire Risk Register (VFRR) tool to identify assets at risk from bushfire and treatments currently applied to mitigate risk. The latest review was conducted in November 2017.

The Moorabool Shire MFMPC, as for each municipality throughout the state which is subject to the risk of fires, is required to prepare and submit a draft MFMP to the MEMPC for their endorsement prior to submission to Council for its endorsement.

The intention of this MFMP is to minimise the occurrence, and mitigate the impacts of bush, grass and structure fire and hazardous materials incidents in the community in accordance with the IFMP framework.

4.2   Strategic Directions

The plan addresses both public and private land across the PPRR continuum. The MFMP will be reviewed and updated annually to ensure it incorporates any new strategies, programs and tools developed to meet Council, agencies and community needs and expectations.

Adopting the principles of continuous improvement, the strategic direction of the MFMP aligns directly to the *State Strategic Directions for Fire Planning in Victoria (2013)* which articulates the vision of future fire management in Victoria as fire management with desired outcomes:

▪ *Active participation of community, the sector and government, working together in fire management planning to reduce the destructive impact of fire on communities and the environment;*

▪ *Communities that are resilient to the effects of fire; and*

▪ *Greater understanding of the fire sector within the community and*

▪ *Healthy natural, social, built and economic environments.*

Also considered in the ongoing development of the fire management plan are the following broad strategy documents which can be accessed through the CFA and Emergency Management Victoria's websites at www.cfa.vic.gov.au, www.justice.vic.gov.au, and www.emv.vic.gov.au.

▪ *"Living with fire"-* Victoria's Bushfire Strategy provides Victoria with clear direction to meet future bushfire challenges.

▪ *"Bushfire Safety Policy Framework"* (Emergency Management Victoria).

▪ *"Making Victoria Fire ready"* (Implementing Governments response to 2009 Victorian Bushfire Royal Commission (VBRC)).

The primary aim of the MFMP is to create greater community awareness and communicate fire management information more effectively. Ultimately, the community will share responsibility for implementing the strategies contained within the plan and create a safer municipality through undertaking the following tasks:

- Ensure that plans and actions are in place (that responsible authorities are advised of actions which the Committee deem necessary) for minimising the risk of an outbreak of fire or for suppressing any fire that may occur within the area (Section 55 of the CFA Act);
- Develop programs that are relevant to the community;
- Measure fire safety outputs to assess the reduction in community vulnerability to fire;
- Engage community groups and businesses in ongoing dialogue about fire mitigation solutions including fire prevention activities; and
- Liaise with other agencies and committees to ensure integration and consistency of purpose.

4.3   Links to Other Business Planning and Programs

Important linkages are:

- Strategic Directions for Fire Planning Victoria (2013)
- Grampians Regional Strategic Fire Management Plan V2 (2011)
- Moorabool Shire Municipal Emergency Management Plan
- DELWP Fire Protection Plan
- DELWP Fire Operation Plan
- DELWP Safer Together
- Powercor Bushfire Mitigation Strategy
- SP Ausnet Bushfire Mitigation Strategy
- Vic Roads – Roadside Fire Management
- CHW Fire Prevention Plan
- Plantation Fire Mitigation Plans
- Neighbouring Municipalities Municipal Fire Management Plans
- CFA Operational Plans and Brigade Pre Plans
- Other CFA Plans

Other linkages occur through alignment to organisational business planning cycles, agreed data sharing protocols and common risk assessment methodologies.

5   Fire Risk Management Strategies

5.1   Risk Assessment Methodologies

5.1.1   Analysis and Prioritisation of Municipal Bushfire Risk

To determine the bushfire risk within the Moorabool Shire, assessment was undertaken using the environments contained within the Victorian Fire Risk Register (VFRR) process.

The VFRR application is a systematic process that identifies assets at risk from bushfire and assesses their level of risk on a consistent state wide basis using ISO:31000 2009 Risk Management.

The VFRR data provided the starting point to assess the effectiveness of existing treatments and determine residual risk levels for the purpose of developing further mitigation treatments as required (refer to Appendix A.1).

5.1.2   Alignment to Regional Bushfire Risk Objectives

The plan also references treatments for the six priority risks in relation to bushfire as determined by the Grampians RSFMPC using the VFRR risk assessment process. The table below identifies the priority risks as articulated in the Grampians Regional Strategic Fire Management Plan (RSFMP) (aligned to the asset classes and subclasses contained within the VFRR tool).

Bushfire		
Grampians RSFMPC Priority	**VFRR Asset Class**	**VFRR Asset Sub Class/es**
1. Urban Interface	Human Settlement	▪ Residential ▪ Other ▪ Special Fire Protection
2. Power Supply 3. Communications 4. Water Supplies and Catchments 5. Transport	Economic	▪ Agriculture ▪ Commercial ▪ Infrastructure ▪ Tourist & recreational ▪ Mines ▪ Commercial forests ▪ Water catchments
6. Natural Environment	Environmental	▪ Locally Important ▪ Endangered ▪ Vulnerable
	Cultural Heritage	▪ Aboriginal Significance ▪ Non Indigenous ▪ Other

Table 5: Bushfire Priority with VFRR Asset Classes and Sub Classes

5.1.3   Treatment of Municipal Bushfire Risk

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

- Protection and preservation of life, including community warnings;

- 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; and

- Protection of environmental and conservation values that consider the cultural, biodiversity, and social values of the environment.

Following the State priorities, the municipal fire management plan aims to reduce the number and the severity of fires within the municipality with the intent of creating a more fire resilient community.

The State priorities are underpinned by the primacy of life, the protection of property, the economy and the environment. These priorities inform and are integrated into the primary fire risk management strategies used in this plan, which are:

- Community education and engagement;

- Hazard reduction;

- Preparedness; and

- Regulatory controls.

There are a number of State wide and municipal treatments that have been identified for each fire risk management strategy, which can be used by agencies to reduce the risk and effect of fire on the community. The generic State wide and municipal wide treatments include:

- Community education programs;

- Community education and engagement activities;

- Public awareness – multi media communications;

- Powerline hazard tree identification, management and reporting;

- Fire hazard inspection program and issue of notice;

- Compliance and enforcement of legislation;

- Bushfire management overlays;

- Building code of Australia;

- Permits to Burn; and

- Local laws.

To effectively reduce community vulnerability to fire requires more than inter-agency effort alone. It requires the facilitation of a more self-reliant and self-aware community who have the knowledge, motivation and capacity to manage the risks to reduce the threat of fire in their own communities as an active partner with fire management agencies.

The key objectives and outcomes sought through the implementation of the primary fire risk management strategies for bushfire are outlined below:

Community Education and Engagement

Objectives	Timeframe	Agency Treatments	Community / Individual Treatments	Outcome
1. To build capacity and knowledge, resilience and understanding of the dangers of bushfire. 2. To provide the tools and education opportunities for community and individuals to better prepare and understand the risks of bushfire. 3. To build awareness and understanding of the role of fire in the environment.	For the Plan duration – 2017-2020	▪ Community education programs ▪ Agency Integrated Community engagement activities ▪ Bushfire awareness training ▪ Multimedia communications ▪ Victoria Bushfire Information Line ▪ Tourism fire safety campaigns ▪ Increase legislative and regulatory awareness ▪ Increased awareness of planning controls ▪ Targeted education campaign regarding the use and role of fire in the environment	▪ To be proactive and seek information ▪ To be involved in community education and engagement programs	▪ All agencies will review and evaluate programs and participation of community as part of the review process of the MFMP.

Table 6: Bushfire - Community Education and Engagement Fire Risk Management Strategy

			Actions in table proposed

			Actions in table adopted

Hazard Reduction

Objectives	Timeframe	Agency Treatments	Community / Individual Treatments	Outcome

1. To strategically reduce fuel to minimise impact, intensity and spread of bushfire.
 	
2. To pre plan and establish strategic points to effectively combat and manage structure fire activity.
	For the Plan duration – 2017 - 2020	▪ Slashing program
		▪ Burn program
		▪ Spraying program
		▪ Pruning program
		▪ Use appropriate incident modelling tools to identify potential impacts to communities, such as the phoenix modelling tool
			▪ Private property hazard reduction:
			  - Cleaning gutters
			  - Slashing
			  - Mowing
			  - Ploughing
			  - Grazing
			  - Fuel reduction burns
				▪ Shared responsibility between agencies and individuals to minimise fire hazards.

Table 7: Bushfire - Hazard Reduction Fire Risk Management Strategy

Figure 2: DELWP Fuel Reduction Burn

Preparedness				
Objectives	**Timeframe**	**Agency Treatments**	**Community / Individual Treatments**	**Outcome**

1. To understand appropriate actions to reduce risk and impact of bushfire, initiatives include:
  - Ignition prevention
  - Risk identification and treatment
  - Resource preparation
  - Response planning
  - Operational restrictions
  - System testing
  - Security of water supply
	For the Plan duration – 2017 - 2020	▪ VFRR process
		▪ Establishment of Incident Control Centres
		▪ Code red days
		▪ Powerline inspections
		▪ Community Information Guides
		▪ Neighbourhood Safer Places – Places of Last Resort
		▪ Fire breaks
		▪ Emergency Management Plan
		▪ Evacuation Plans
		▪ Brigade Pre Plans
			▪ Personal bushfire preparedness plans
			▪ Daily readiness
			▪ Practise / rehearse plans
				▪ All agencies regularly evaluate preparation and readiness to respond to fire.
				▪ Strengthened capacity for agencies to provide an integrated response.
				▪ Measurable reduction of the impact of bushfire.

Table 8: Bushfire - Preparedness Fire Risk Management Strategy

Regulatory Controls				
Objectives	**Timeframe**	**Agency Treatments**	**Community / Individual Treatments**	**Outcome**
1. To implement regulation aimed to reducing risk and impact of bushfire. 2. To create and maintain effective linkages between planning functions to better inform proposed residential developments.	For the Plan duration – 2017 - 2020	▪ Fire hazard inspections ▪ Total fire bans ▪ Planning schemes ▪ Fire danger period ▪ Building codes ▪ Enforcement of fire hazard notices ▪ Response to planning applications	▪ Comply with regulations	▪ Compliance with regulatory controls. ▪ Appropriate residential development.

Table 9: Bushfire - Regulatory Controls Fire Risk Management Strategy

In addition, there are a range of site-specific plans to reduce specific risks within the municipality that are required by other legislation.

Details of specific strategy treatments and activities to treat assets identified at risk from bushfire and broader fire risk in the Moorabool Shire are listed in Appendices A and B respectively.

5.1.4   Analysis and Prioritisation of Municipal Structure Fire Risk

The MFMPC undertook analysis of assets at risk from structure fire using categories closely aligned to the asset classes contained within the VFRR process and risk assessment methodologies. ISO: 31000 2009 was also applied to produce a municipal risk profile to determine the risk level for the municipal footprint.

Structure Fire: Is defined as any uncontrolled fire inside, on, under or touching a building or structure that needs to be extinguished

The risk analysis process was conducted on asset sub class categories rather than individual assets, due to the generic nature of their classification and treatments. Further risk analysis was undertaken where an individual asset within any of the sub classes was identified as a significantly different or higher risk within that category,

Current treatments for these risks were then identified and analysed to determine their relevance and effectiveness.

Identified treatment gaps or issues requiring further information and research, form the basis for further fire management planning activities that the MFMPC will need to undertake and include in their MFMP work plan in the future.

It should also be recognised that a range of strategies and treatments exist which are applied consistently state wide and throughout municipalities to reduce the occurrence and impact of structure fires. These include:

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

5.1.5   Structure Fire Risk Management Objectives

Priority risks for structure fire incidents within the Moorabool Shire have been defined by the Moorabool Shire's MFMPC and are set out in the tables below. The tables identify Asset Sub Classes using categories closely aligned to the asset classes contained within the VFRR process and risk assessment methodologies. These methodologies were applied to produce a risk profile to determine the risk level as well as current treatments for the municipality.

Structure Fire		
Grampians RSFMPC Priority	**VFRR Asset Class**	**Proposed Asset Sub Class/es**

1.   Houses
Accommodation
Places of public gathering
Infirm, assisted living
	Human Settlement	▪ Residential
		  - High Density
		  - Urban
		  - Interface Living
		  - Rural
		  - Motels & Other Accommodation
		▪ Public Assembly
		  - Entertainment & Leisure & Conference Venues
		  - Institutions
		  - Hotels/Nightclubs
		▪ Healthcare
		  - Hospitals & Medical Centres
		  - Special Care Facilities

2.   Retail
Commercial Businesses
Industrial
Infrastructure
	Economic	▪ Commercial & Industrial
		  - Retail/Business – Joined or Contiguous
		  - Retail/Business – Separate Structures
		  - Industrial
		  - Infrastructure

3. Buildings of significant Heritage or cultural value	Cultural Heritage	▪ Heritage Listed and Locally Significant Structures

Table 10: Structure Fire Priority with Asset Classes and proposed Sub Classes

5.1.6 Treatment of Municipal Structure Fire Risk

The key objectives and outcomes sought through the implementation of the primary fire risk management strategies for structure fires are outlined in the tables below:

Community Education and Engagement				
Objectives	**Timeframe**	**Agency Treatments**	**Community / Individual Treatments**	**Outcome**
1. To build capacity and knowledge, resilience and understanding of the dangers of structure fire. 2. To provide the tools and education opportunities for community and individuals to better prepare for and understand the risks of structure fire.	For the Plan duration – 2017-2020	▪ Community education programs ▪ Community engagement activities ▪ Multimedia communications ▪ Increase legislative and regulatory awareness ▪ Increased awareness of planning controls	▪ To be proactive and seek information ▪ To be involved in community education and engagement programs	▪ All agencies will review and evaluate programs and participation of community as part of the review process of the MFMP.

Table 11: Structure Fire - Community Education and Engagement Fire Risk Management Strategy

Hazard Reduction				
Objectives	**Timeframe**	**Agency Treatments**	**Community / Individual Treatments**	**Outcome**
1. To strategically reduce impact and intensity of structure fire. 2. To pre plan and establish strategic points to effectively combat and manage structure fire activity.	For the Plan duration – 2017 - 2020	▪ Conduct fire safety inspections ▪ Buildings constructed according to the Building Code of Australia ▪ Use appropriate incident modelling tools to identify potential impacts to communities, such as the plume modelling tool	▪ Installation of sprinklers, smoke detectors, fire blankets and fire extinguishers ▪ Comply with regulations	▪ Agencies and individuals working towards minimising the loss and damage caused by structural fires in the community.

Table 12: Structure Fire - Hazard Reduction Fire Risk Management Strategy

Preparedness				
Objectives	**Timeframe**	**Agency Treatments**	**Community / Individual Treatments**	**Outcome**
1. To understand appropriate actions to reduce risk and impact of structure fire, initiatives include: - Ignition prevention - Risk identification and treatment - Resource preparation - Response planning - System testing - Security of water supply	For the Plan duration – 2017-2020	▪ Emergency Management Plan ▪ Brigade Pre Plans ▪ Fire Sprinkler/ Extinguisher Installation & Maintenance	▪ Maintenance of sprinklers, smoke detectors and fire extinguishers ▪ Building/staff fire drills	▪ All agencies and individuals to regularly evaluate preparation and readiness to respond to fire. ▪ Measurable reduction of impact on structure fire.

Table 13: Structure Fire - Preparedness Fire Risk Management Strategy

Figure 4: Installation of Fire Extinguisher and Fire Blanket in Kitchen

Regulatory Controls				
Objectives	**Timeframe**	**Agency Treatments**	**Community / Individual Treatments**	**Outcome**
1. To implement regulation aimed to reduce risk and impact of structure fire. 2. To create and maintain effective linkages between planning functions to better inform proposed residential developments.	For the Plan duration – 2017-2020	▪ Conduct fire safety inspections ▪ Planning schemes ▪ Building codes ▪ Response to planning applications	▪ Comply with regulations	▪ Compliance with regulatory controls. ▪ Appropriate residential development.

Table 14: Structure Fire - Regulatory Controls Fire Risk Management Strategy

5.1.7   Analysis and Prioritisation of Municipal Hazardous Materials Incident Risk

The MFMPC undertook analysis of assets at risk from hazardous materials Incidents using categories closely aligned to the asset classes contained within the VFRR process and risk assessment methodologies. ISO: 31000 2009 was also applied to produce a municipal risk profile to determine the risk level for the municipal footprint.

HAZMAT (Hazardous Materials): is defined as any event involving an uncontrolled or unwanted release of hazardous substances that may threaten life or property. HAZMAT incidents include substances that may be flammable, combustible, corrosive, poisonous, oxidising, radioactive, explosive or otherwise harmful chemicals or materials

The risk analysis process was conducted on asset sub class categories rather than individual assets, due to the generic nature of their classification and treatments. Further risk analysis was undertaken where an individual asset within any of the sub classes was identified as a significantly different or higher risk within that category,

Current treatments for these risks were then identified and analysed to determine their relevance and effectiveness.

Identified treatment gaps or issues requiring further information and research, form the basis for further fire management planning activities that the MFMPC will need to undertake and include in their MFMP work plan in the future.

It should also be recognised that a range of strategies and treatments exist which are applied consistently state wide and throughout municipalities to reduce the occurrence and impact of hazardous materials incidents. These include:

▪ Compliance and enforcement of legislation

▪ Council Essential Safety Measures (ESM) Procedures and audit inspections

▪ Industry guidelines

▪ Fire service response, planning and training

▪ Staff training

▪ Event permits and event management plans

▪ Targeted education programs

▪ Public awareness programs – multimedia communications

5.1.8   Hazardous Materials Incident Risk Management Objectives

Priority risks for Hazardous Material Incidents within the Moorabool Shire have been defined by the Moorabool MFMPC and are set out in the tables below. The tables identify Asset Sub Classes using categories closely aligned to the asset classes contained within the VFRR process and risk assessment methodologies. These methodologies were applied to produce a risk profile to determine the risk level as well as current treatments for the municipality.

Hazardous Materials Incident		
Grampians RSFMPC Priority	**VFRR Asset Class**	**Proposed Asset Sub Class/es**

1. Housing
    Accommodation
    Places of public gathering
    Infirm, assisted living
	Human Settlement	▪ Residential
		  - High Density
		  - Urban
		  - Interface Living
		  - Rural
		  - Motels & Other Accommodation
		▪ Public Assembly
		  - Entertainment & Leisure & Conference Venues
		  - Institutions
		  - Hotels/Nightclubs
		▪ Healthcare
		  - Hospitals & Medical Centres
		  - Special Care Facilities

2. Retail
    Commercial Businesses
    Industrial
    Infrastructure
	Economic	▪ Commercial & Industrial
		  - Retail/Business – Joined or contiguous
		  - Retail/Business – separate structures
		  - Industrial
		  - Transport

3. Chemical incident affecting the environment	Environmental	▪ Flora & Fauna, Land, Water & Air Quality
4. Buildings of significant Heritage or cultural value	Cultural Heritage	▪ Heritage Listed and Locally Significant Structures

Table 15: Hazardous Materials Incident Priority with Asset Classes and proposed Sub Classes

5.1.9   Treatments of Municipal Hazardous Materials Incident Risk

The key objectives and outcomes sought through the implementation of the primary risk management strategies for hazardous materials incidents are outlined in the tables below:

Community Education and Engagement				
Objectives	**Timeframe**	**Agency Treatments**	**Community / Individual Treatments**	**Outcome**
1. To build capacity and knowledge, resilience and understanding of the dangers of hazardous materials incidents. 2. To provide the tools and education opportunities for industry and individuals to better prepare and understand the risks of hazardous materials incidents.	For the Plan duration – October 2017-2020	▪ Community information in response to incidents ▪ Increase legislative and regulatory awareness ▪ Increased awareness of planning controls ▪ Shelter in place program	▪ To be proactive and seek information ▪ Follow shelter in place instructions when/if required	▪ All agencies will review and evaluate programs and information dissemination as part of the review process of the MFMP.

Table 16: Hazardous Materials Incident – Community Education and Engagement Fire Risk Management Strategy

Hazard Reduction				
Objectives	**Timeframe**	**Agency Treatments**	**Community / Individual Treatments**	**Outcome**
1. To strategically reduce impact of hazardous materials incidents. 2. To pre plan and establish strategic points to effectively combat and manage hazardous materials incidents activity.	For the Plan duration – 2017-2020	▪ To provide advice to industry and community in relation to appropriate compliance with the Acts, Regulations, and Code of Practice for the Storage and Handling of Dangerous Goods ▪ Use appropriate incident modelling tools to identify potential impacts to communities, such as the plume modelling tool ▪ Brigade Pre Plans ▪ Pre Incident Response Plans ▪ Traffic route restrictions for hazardous materials loads	▪ Appropriate storage and handling of chemicals ▪ Follow Chemical Material Safety Data Sheets ▪ Comply with regulations and standards	▪ Agencies and individuals working towards minimising the loss and damage caused by mishandling or spillage of chemicals.

Table 17: Hazardous Materials Incident - Hazard Reduction Fire Risk Management Strategy

Preparedness

Objectives	Timeframe	Agency Treatments	Community / Individual Treatments	Outcome
1. To understand appropriate actions to reduce risk and impact of hazardous materials incidents, initiatives include: - Ignition prevention - Risk identification and treatment - Response planning - System testing	For the Plan duration – 2017-2020	▪ Emergency Management Plans ▪ Evacuation Plans ▪ Pre Incident Response Plans ▪ CFA and Worksafe inspections ▪ Written advice	▪ Maintenance and testing of fire safety equipment ▪ Emergency procedures for dangerous goods fire, spills and leaks ▪ Correct signage and labelling of chemicals ▪ Testing and exercising of Emergency Management Plans	▪ All agencies and individuals to regularly evaluate preparation and readiness to respond to fire. ▪ Measurable reduction of impact on hazardous materials incidents.

Table 18: Hazardous Materials Incident - Preparedness Fire Risk Management Strategy

Regulatory Controls

Objectives	Timeframe	Agency Treatments	Community / Individual Treatments	Outcome
1. To implement regulation aimed to reducing risk and impact of hazardous materials incidents.	For the Plan duration – 2017-2020	▪ Planning schemes ▪ Building codes ▪ Comply with legislation ▪ Appropriate training for chemical use and handling ▪ Environmental Protection Authority referrals to CFA	▪ Comply with legislation and regulations ▪ Seek written advice where appropriate	▪ Compliance with regulatory controls. ▪ Appropriate industrial development.

Table 19: Hazardous Materials Incident - Regulatory Controls Fire Risk Management Strategy

5.2   Community Information Guides

A key recommendation from the Report from the 2009 VBRC was the development of Community Information Guides (CIG's) for high risk communities across Victoria. The priority given for these plans is the protection of life.

The VFRR risk assessment process was also used to inform decisions relating to identified high risk towns and Community Information Guides, including identification of designated Neighbourhood Safer Places – Places of Last Resort

CIG's are established for high risk communities and are regularly reviewed. Should the risk in a particular area be modified by land clearing or development, CIG's may be updated, the area covered changed or the CIG withdrawn.

CIG's for specific locations in the Moorabool Shire can be found in Appendix C.2 – Community Information Guides.

5.3   Neighbourhood Safer Places – Places of Last Resort

Neighbourhood Safer Places – Places of Last Resort (NSP – PLR) are an area or premise that may, as a last resort, provide some sanctuary from the life threatening effects of a bushfire (for example direct flame contact or radiant heat).

Details of the specific locations of NSP – PLR within the Moorabool Shire can be found in Appendix C.3 – NSP – PLR.

5.4   Strategic Fire Break Definitions

Strategic Fire Suppression Lines - will have the vegetation managed from fence line to fence line where practicable. Grass will be slashed to a height of 100mm or less and elevated fine fuels will not surpass a 'high' fuel hazard rating as assessed in the Overall Fuel Hazard Assessment Guide –DELWP.

Fire Control Lines - will have the vegetation managed 3 metres behind the guideposts where practicable. Vegetation will be slashed to a height of 100mm or less

Priority Egress/Access Roads (PEAR) - The primary function of PEAR will be to determine what treatments are required along the nominated road to maintain access and egress to an isolated community prior to or after a bushfire event.

All priority roads in the municipality will be assessed and treated in accordance with the VicRoads Road Bushfire Risk Assessment Guideline 2011.

CFA Brigade Fire Prevention Works - Brigade works may enhance Strategic Fire Suppression Lines and Fire Control Lines; however the implementation is not compulsory and will be subject to seasonal conditions and Brigade resource availability.

5.5   Community Fire Refuges

A community fire refuge is a designated building open to the public that has been;

·   purpose-built or modified in accordance with the performance requirements specified by the relevant provisions set out in Ministerial Direction No.4 under the Project Development and Construction Management Act (1994) as determined by the Building Commission
·   designated as a community fire refuge in accordance with Part III of the Country Fire Authority Act 1958

Community fire refuges are one of a number of contingency shelter options that will offer protection during the passage of a bushfire event and must be used as a last resort when other plans have failed.

Details of the specific locations of Community Fire Refuges can be found in see Appendix C.

5.6   Individual Bushfire Risk Treatments

Following amendments made to the Victorian Planning Provisions in November 2011, guidelines have been produced that allow property owners to clear vegetation on their properties to reduce the threat of bushfire to their homes.

The 10/30 and 10/50 rules enable clearing around existing buildings used for accommodation (legally erected before 18 November 2011).

For new buildings, clearing for bushfire protection will be considered through the planning permit process.

5.6.1 Vegetation Management Rights

Native vegetation is important to many Victorians and its removal is carefully regulated by the planning system. A vegetation management right called the '10/30 rule' is part of a suite of measures to help Victorians in areas at risk from bushfire prepare their properties.

The 10/30 rule simplifies the right to clear native vegetation around a home for bushfire protection without obtaining a planning permit.

The right allows landowners to clear without a planning permit:

- Any vegetation, including trees, within 10 metres of their home on their property;
- Any vegetation (except for trees) within 30 metres of their house on their property; and
- Any vegetation either side of their property boundary fence to a combined maximum width of 4 metres (with consent of the neighbouring landowner).

The '10/50 rule' enables all landowners in areas **within the Bushfire Management Overlay** to undertake the following measures for bushfire protection on their property:

- Any removal destruction or lopping of any vegetation within 10 metres, of an existing building used for accommodation; and
- the removal, destruction or lopping of any vegetation, except trees, within 50 metres of an existing building used for accommodation.

5.6.2 Local Laws and Permit to Burn

Under the Moorabool Shire's Local Laws, a fire may not be lit or remain alight in the open air without a permit, and the requirements of the Fire Danger Period and Total Fire Bans must be complied with (for further details on permit conditions refer to Moorabool Shire's General Local Law 2010, Part 2, Section 21).

During the declared Fire Danger Period, limited permits may be obtained by individuals to conduct a fuel reduction or stubble burn within the municipality. These permits are issued by the Municipal Fire Prevention Officer under authority of the CFA Act. These permits contain stringent conditions that must be complied with.

Further information may be obtained from Moorabool Shire's website www.moorabool.vic.gov.au.

5.6.3   Inspection of Private Properties and Issue of Notices

The Moorabool Shire will conduct fire hazard inspections within the municipality, concentrating on high risk areas identified in the VFRR review. Fire prevention notices will be issued on land considered to be a fire risk.

5.6.4   Planning Permits

When applications are lodged with the Moorabool Shire for permits under the Planning and Environment Act 1987 for the subdivision of land or the construction of buildings in areas of high fire risk, The Moorabool Shire may give consideration to the following documents in determining any such application, and also refer the application to the relevant fire agencies for comment.

- Relevant guidelines for assessing applications on land in bushfire-prone areas;
- Moorabool Planning Scheme
- Building Act 1993 and the Building Regulations 2006.
- Other relevant documentation"

5.7   Cross Boundary Arrangements

The Moorabool Shire MFMP seeks to ensure risk environments that cross municipal and regional boundaries are treated in a seamless manner with regard to risk assessment and treatments. In part, this is achieved through a collaborative approach and the use of consistent processes and tools.

The Moorabool Shire municipal area shares borders with Pyrenees, Hepburn, Moorabool and Golden Plains Shires. It is the shared responsibility of these MFMPC's to ensure that risks contiguous across these borders are planned for in a consistent and seamless manner.

Clear linkages to existing organisational cross boundary agreements and Memorandums of Understanding (MOU) between agencies dealing with Preparedness. Preparation, Response and Recovery activities and resource allocation arrangements are also vital.

To ensure that shared risk is appropriately addressed, MFMPs will be considered by the RSFMPC to make certain that they address risks shared across municipal and agency boundaries in a consistent and seamless manner.

Current identified cross boundary and contiguous risk from bushfire for the Moorabool Shire municipal area includes:

Risk	Adjacent Municipality	Strategy
Wombat State Forest/ Lerderderg State Park and adjacent private bushland	Hepburn/ Macedon Ranges	Ensure alignment of planning and prevention activities in relation to these risks are discussed and coordinated with relevant municipalities. Ensure that these arrangements and plans are included in relevant MFMP's.
Brisbane Ranges (Public & Private land)	Golden Plains/City of Greater Geelong	
Pyrites (Public & Private land)	Macedon Ranges/Melton	

Table 20: Moorabool Shire Cross Boundary Risks

It is also recognised that agencies and municipalities have existing planning relationships across multiple boundaries and that these planning arrangements need to be considered when developing future plans.

Moorabool Emergency Management and Fire Management Staff are members of the Central MEMEG and South West MEMEG, that ensures networking and planning across these bushlands continues.

A map identifying the Moorabool Shire is provided at Appendix E – Maps.

6   Plan Reporting, Review and Improvement

6.1   Legislative Responsibilities

The Moorabool Shire has a legislative responsibility under the Emergency Management Act to develop a MEMP, and under the CFA Act, to develop and implement a MFPP. The MFMP is a sub plan of the MEMP and is prepared by the MFMPC.

For councils wholly or partly within the country area of Victoria, the MFMP as adopted by council will be deemed to meet the requirement for a MFPP under Section 55A (1) of the CFA Act, provided that it contains the provisions as set out in Section 55A (2) of the CFA Act.

6.2   Plan Endorsement and Adoption

The Moorabool Shire MFMPC is the custodian of the MFMP pursuant to current legislative arrangements.

The MFMPC shall draft a MFMP and seek endorsement, of the draft plan from the committee and, where appropriate, non-committee members with responsibilities and accountabilities under the plan. After appropriate stakeholder and community consultation and engagement, including perusal by the Grampians RSFMPC, the Plan will then be endorsed through a formal motion by the Moorabool Shire MFMPC at a meeting, at which the Chair of the committee will sign on behalf of all members of the Moorabool Shire MFMPC.

Following this process, the MFMPC will recommend the MFMP to the MEMPC for endorsement.

Once endorsed by the MEMPC, the plan will be sent to the Grampians RSFMPC for comment, prior to recommendation to council for consideration and adoption.

6.3   Plan Reporting

Each MFMPC reports to their respective MEMPC on a regular basis determined through their meeting cycles on the progress of the committee and associated works.

Any issues requiring advocacy or elevation to regional or State level are reported through to the Grampians RSFMPC for further action.

A process and supporting tool for agencies to report back into their respective MFMPC against the actions contained within each MFMP's Appendix B1 (Multi Agency Bushfire Work Plan) has been developed.

Guidelines for monitoring, reporting and reviewing of plans are currently being reviewed at the State level.

6.4   Plan Audit

For councils wholly or partly within the Country Area of Victoria, the MFMP will also be audited under Section 55B of the CFA Act.

In the country area of Victoria, the MFMP must incorporate the provisions of Section 55A (2) of the CFA Act relating to fire risks and their treatment and will be deemed to meet the requirement for a MFPP under Section 55A (1) of the CFA Act.

6.5   Plan Amendment and Review

This plan expires in December 2020 and has a three year lifespan based around current audit requirements contained within Section 55B of the CFA Act. It is acknowledged that audit process and planning cycles may change as the IFMP framework and planning processes evolve in the future.

Structure fire risk and hazardous materials incident risk elements have been addressed in this update of the plan. Other elements requiring annual update include the provision of Neighbourhood Safer Places-Places of Last Resort as they are established and Community Information Guides as they are developed.

The Moorabool Shire MFMP will be reviewed and amended as follows:

1   All appendices require annual review to ensure currency and relevance in association with the MEMP;
2   Following significant incidents if required;
3   As directed by the State or Regional Fire Management Planning Committees; or
4   As required by legislation.
5   As further works are completed by the MFMPC.

Appendices

Asset Risk Management Register

A.1   Multi Agency Bushfire Asset Risk Management Register

A.2   Municipal Structure Fire Risk Management Register

A.3   Municipal Hazardous Materials Incident Management Register

VFRR ASSET CLASS   **VFRR ASSET SUB CLASS**

Human Settlement

Residential
Other
Special Fire Protection

Economic

Agriculture
Commercial
Infrastructure
Tourist and Recreational
Mines
Commerical Forests
Drinking Water Catchments

Environmental

Locally Important
Endangered
Vulnerable

Cultural Heritage

Aboriginal Significance
Non Indigenous
Other

Human settlement localities are listed alphabetically from the VFRR asset sub class, with assets sorted geographically to the nearest locality where possible. Outer lying assets and municipal wide assets (infrastructure) are at the end of the register.

ASSET DESCRIPTION & ID NUMBER	LIKELY SCENARIO	RISK RATING	EXISTING MULTI AGENCY TREATMENTS **Generic Treatments for all Human Settlement** Building Code of Australia Community Education & Engagement Activities Community Education Programmes Compliance Enforcement of Legislation Fire Hazard Inspection Program & Issue of Notices Powerline Hazard Tree ID, Management & Reporting Public Awareness - Multi Media Communications Strategic Fire Breaks (Control Lines Only)	LIKELIHOOD	CONSEQUENCE	RESIDUAL RISK	ADDITIONAL RECCOMENDED TREATMENTS	TREATMENT PRIORITY	ADDITIONAL RECCOMENDED TREATMENT COMMENTS
Bacchus Marsh - 54038	Susceptible to fire from wombat state forest via ember attack running into grassland from Nth	H		Likley	Minor	M		4	
			Strategic Fire Breaks						
			Fire Access Tracks & Roads						
Bald Hill Communications Tower - 54227		VH		Likley	Major			2A	
			Multiple Fuel Management Regime						
			Routine Asset Site Maintenance						
Grant Street SPS - 54247		H		Likley	Moderate			3A	
			Slashing Programme						
Lerderderg Park Road WPS - 54242		H		Likley	Moderate			3A	
			Slashing Programme						
Station Street SPS - 54238		H		Likley	Moderate			3A	
			Slashing Programme						
Vance Cl SPS - 54241		H		Likley	Moderate			3A	
			Slashing Programme						
Bacchus Marsh CDB - 54056		L							
			Fire Plug Installation & Maintenance						
			Strategic Fire Breaks						
Ballan - 54031	Fire from Nth on high danger days	M		Likley	Minor	M		4	
			Slashing Programme						
			Strategic Fire Breaks						
			Fire Access Tracks & Roads						
Ballan City Gas Gate - 54208		L		Unlikely	Minor			NA	
			Routine Asset Site Maintenance						
Blackwood and Barry/ Simmons Reef - 54004	Fire spreading from neighbouring forested land from the Wombat State Forest from the Northwest, West or Southwest.	E		Likley	Catastrophic	H		1B	
			Burn Programme				Community Information Guide		
			Fire Access Tracks & Roads						staff awareness training 103
			Fire Plug Installation & Maintenance						possible evacuation plan
			Bushfire Preparedness Plan						
			Priority Egress/Access Roads						
			Community Information Guides						
			Slashing Programme						
			Community Fire Refuge Roads						
Blackwood Mineral Springs Caravan Park - 54023		E		Likely	Catastrophic			1B	
			Bushfire Preparedness Plan						
Blackwood Special School Camp - 54028		E		Likely	Catastrophic			1B	
			Bushfire Preparedness Plan						
Blackwood Mobile Base Station - 54205		M		Likely	Minor			4	
			Routine Asset Site Maintenance						
			Powerline Hazard Tree ID, Management & Reporting						
Blackwood WTP - 54204		VH		Almost Certain	Moderate			2c	
			Multiple Fuel Management Regime						
Blue Mountain Communications and FireTower - 54229		VH		Likley	Major			2A	
			Other Fuel Hazard Management (incl. grazing)						
			Routine Asset Site Maintenance						
			Powerline Hazard Tree ID, Management & Reporting						
Bungaree - 54033	Fire from Nth on high danger days	M		Likely	Minor	L		4	
			Fire Access Tracks & Roads						
Dales Creek - 54002		E		Likely	Catastrophic	H		1B	
			Burn Programme						

ASSET DESCRIPTION & ID NUMBER	LIKELY SCENARIO	RISK RATING	EXISTING MULTI AGENCY TREATMENTS / Generic Treatments for all Human Settlement: Building Code of Australia; Community Education & Engagement Activities; Community Education Programmes; Compliance Enforcement of Legislation; Fire Hazard Inspection Program & Issue of Notices; Powerline Hazard Tree ID, Management & Reporting; Public Awareness - Multi Media Communications; Strategic Fire Breaks (Control Lines Only)	LIKELIHOOD	CONSEQUENCE	RESIDUAL RISK	ADDITIONAL RECCOMENDED TREATMENTS	TREATMENT PRIORITY	ADDITIONAL RECCOMENDED TREATMENT COMMENTS
			Strategic Fire Breaks						
			Fire Access Tracks & Roads						
			Bushfire Preparedness Plan						
			Priority Egress/Access Roads						
			Community Information Guides						
			Neighbourhood Safer Places - Places of Last Resort						
			Community Fire Refuge Roads						
Darley North - 54054	Fire out of Lerderderg	H		Likely	Moderate	M		3A	
			Burn Programme						
			Slashing Programme						
			Fire Access Tracks & Roads						
			Community Information Guides						
			Bushfire Preparedness Plan						
			Neighbourhood Safer Places - Places of Last Resort						
Dunnstown - 54034	Fire from grassland to north on high fire danger days	M		Likely	Minor	L		4	
			Strategic Fire Breaks						
			Fire Access Tracks & Roads						
Kryal Castle - 54228		L		Unlikely	Minor			NA	
			Other Fuel Hazard Management (incl. grazing)						
Mount Warrenheip Mobile Base Station - 54211		M		Likely	Minor			4	
			Routine Asset Site Maintenance						
Elaine - 54035	Fire from Nth on high danger days	H		Likely	Moderate	L		3A	
			Fire Access Tracks & Roads						
			Static Water Supply						
			Bushfire Preparedness Plan						
Gordon - 54029	Fire out of private bush to Nth	VH		Almost Certain	Moderate	M		2C	
			Strategic Fire Breaks						
			Fire Access Tracks & Roads						
			Community Information Guides						
			Neighbourhood Safer Places - Places of Last Resort						

ASSET DESCRIPTION & ID NUMBER	LIKELY SCENARIO	RISK RATING	EXISTING MULTI AGENCY TREATMENTS — Generic Treatments for all Human Settlement: Building Code of Australia; Community Education & Engagement Activities; Community Education Programmes; Compliance Enforcement of Legislation; Fire Hazard Inspection Program & Issue of Notices; Powerline Hazard Tree ID, Management & Reporting; Public Awareness - Multi Media Communications; Strategic Fire Breaks (Control Lines Only)	LIKELIHOOD	CONSEQUENCE	RESIDUAL RISK	ADDITIONAL RECCOMENDED TREATMENTS	TREATMENT PRIORITY	ADDITIONAL RECCOMENDED TREATMENT COMMENTS
Greendale - 54003	Fire spreading from neighbouring forested land from the Wombat State Forest from the Northwest or West.	E		Likely	Catastrophic	H		1B	
			Burn Programme				Fire Access Tracks & Roads		
			Strategic Fire Breaks				Static Water Supply		
			Fire Access Tracks & Roads						
			Fire Plug Installation & Maintenance						
			Bushfire Preparedness Plan						
			Priority Egress/Access Roads						
			Community Information Guides						
			Neighbourhood Safer Places - Places of Last Resort						
			Community Fire Refuge Roads						
Hopetoun Park - 54008	No threat from bushfire	VH		Likely	Major	M		2A	
			Fire Access Tracks & Roads						
Lal Lal - 54015	Fire from west or sth west from Lal Lal State Forest	E		Likely	Catastrophic	H		1B	
			Burn Programme						
			Fire Access Tracks & Roads						
			Community Information Guides						
Lal Lal PS - 54021		E		Likely	Catastrophic	M		1B	
			Operations Restrictions						
			Bushfire Preparedness Plan						
			Fire Plug Installation & Maintenance						
			Staff Fire Awareness Training						
Lal Lal Falls - 54601		L		Unlikely	Minor	L			
Long Forest - 54007		E		Likely	Catastrophic	H		1B	
			Burn Programme						
			Operations Restrictions						
			Fire Access Tracks & Roads						
			Priority Egress/Access Roads						
			Community Information Guides						
Mt Egerton - 54013	Fire from surrounding bush in nth west or sth west	VH		Likely	Major	M		2A	
			Burn Programme						
			Strategic Fire Breaks						
			Fire Access Tracks & Roads						
			Community Information Guides						
Mt Egerton PS - 54022		VH		Likely	Major	M		2A	
			Bushfire Preparedness Plan						
			Fire Plug Installation & Maintenance						
			Staff Fire Awareness Training						
Myrniong - 54005	Susceptible to fire running into grassland from Nth	H		Likely	Moderate	M		3A	
			Strategic Fire Breaks						
			Fire Access Tracks & Roads						
			Community Information Guides						
Wallace - 54032	Fire from Nth on high danger days	M		Likely	Minor	L		4	
			Strategic Fire Breaks						
			Fire Access Tracks & Roads						
Balliang East - 54051		VH		Likely	Major	M		2A	
			Fire Access Tracks & Roads						
Balliang East PS - 54020		E		Likely	Catastrohpic	H		1B	
			Operations Restrictions						
			Bushfire Preparedness Plan						
			Fire Plug Installation & Maintenance						
			Staff Fire Awareness Training						
Barkstead - 54048	Fire spreading from neighbouring forested land from the Wombat State Forest from the Northwest, West or Southwest.	E		Likely	Catastrohpic	H		1B	
			Burn Programme						
			Fire Access Tracks & Roads						
			Priority Egress/Access Roads						

ASSET DESCRIPTION & ID NUMBER	LIKELY SCENARIO	RISK RATING	EXISTING MULTI AGENCY TREATMENTS / Generic Treatments for all Human Settlement: Building Code of Australia; Community Education & Engagement Activities; Community Education Programmes; Compliance Enforcement of Legislation; Fire Hazard Inspection Program & Issue of Notices; Powerline Hazard Tree ID, Management & Reporting; Public Awareness - Multi Media Communications; Strategic Fire Breaks (Control Lines Only)	LIKELIHOOD	CONSEQUENCE	RESIDUAL RISK	ADDITIONAL RECCOMENDED TREATMENTS	TREATMENT PRIORITY	ADDITIONAL RECCOMENDED TREATMENT COMMENTS
Beremboke - 54045	Grass fire from north or fire out of Brisbane ranges to south west	E		Likely	Catastrohpic	H		1B	
			Burn Programme						
			Fire Access Tracks & Roads						
			Community Information Guides						
Camerons Road Camp - 54027		E		Almost Certain	Catastrohpic	M		1A	
			Bushfire Preparedness Plan						
Blakeville - 54047	Fire spreading from neighbouring forested land from the Wombat State Forest from the Northwest, West or Southwest.	E		Likely	Catastrohpic	H		1B	
			Burn Programme						
			Fire Access Tracks & Roads						
			Community Information Guides						
Coimadai - 54043		E		Likely	Catastrohpic	H		1B	
			Burn Programme						
			Fire Access Tracks & Roads						
			Static Water Supply						
			Priority Egress/Access Roads						
			Community Information Guides						
Coimadai PS - 54018		H		Likely	Moderate	M		3A	
			Operations Restrictions						
			Bushfire Preparedness Plan						
			Fire Plug Installation & Maintenance						
			Staff Fire Awareness Training						
Raymond Hader Hostel - 54040		VH		Likely	Catastrohpic	H		1B	
			Bushfire Preparedness Plan						
Gisborne Road - 54044		E		Likely	Catastrohpic	H		1B	
			Burn Programme						
			Strategic Fire Breaks						
			Fire Access Tracks & Roads						
			Priority Egress/Access Roads						
Korweinguboora and Spargo Creek - 54049	Fire spreading from neighbouring forested land from the Wombat State Forest from the Northwest, West or Southwest.	E		Likely	Catastrohpic	H		1B	
			Burn Programme						**Check out plantation issues**
			Fire Access Tracks & Roads						
			Bushfire Preparedness Plan						
			Priority Egress/Access Roads						
			Community Information Guides						
Daylesford to Leonardshill 22KV Transmission Line - 54258		H		Almost Certain	Minor			3D	
			Operations Restrictions						
			Routine Asset Site Maintenance						
			Powerline Hazard Tree ID, Management & Reporting						
North Freeway / Gordon - 54046	Fire spreading from neighbouring forested land from the Wombat State Forest from the Northwest, West or Southwest.	E		Likely	Catastrohpic	H		1B	
			Strategic Fire Breaks						
			Fire Access Tracks & Roads						
			Community Information Guides						
			Burn Programme						
			Neighbourhood Safer Places - Places of Last Resort						
Morrisons - 54053	Fire out of plantations to north & nth east	VH		Likely	Major	H		2A	
			Strategic Fire Breaks						
			Fire Access Tracks & Roads						
			Burn Programme						
Mount Blackwood Road - 54042	Susceptible to fire from wombat state forest via ember attack running into grassland from Nth	E		Unlikely	Catastrohpic	H		1B	
			Strategic Fire Breaks						
			Fire Access Tracks & Roads						

ASSET DESCRIPTION & ID NUMBER	LIKELY SCENARIO	RISK RATING	EXISTING MULTI AGENCY TREATMENTS	LIKELIHOOD	CONSEQUENCE	RESIDUAL RISK	ADDITIONAL RECCOMENDED TREATMENTS	TREATMENT PRIORITY	ADDITIONAL RECCOMENDED TREATMENT COMMENTS
			Generic Treatments for all Human Settlement						
			Building Code of Australia						
			Community Education & Engagement Activities						
			Community Education Programmes						
			Compliance Enforcement of Legislation						
			Fire Hazard Inspection Program & Issue of Notices						
			Powerline Hazard Tree ID, Management & Reporting						
			Public Awareness - Multi Media Communications						
			Strategic Fire Breaks (Control Lines Only)						
Mount Blackwood Communications Tower - 54235		VH		Likely	Major			2A	
Mount Doran - 54050	Fire from North out of Lal Lal State Forest& adjacent private bush	E		Likely	Catastrophic	H		1B	
			Burn Programme						
			Fire Access Tracks & Roads						
Myrniong WTP Work Station - 54055		H		Likely	Moderate	L		3A	
									Follow up - is it human settlement?
Pentland Hills - 54052		E		Almost Certain	Major	M		1C	
			Strategic Fire Breaks						
			Fire Access Tracks & Roads						
Rowsley and Glenmore - 54041	Impact from fire to north on high fire danger days & sth west	VH		Likely	Major	M		2A	
			Strategic Fire Breaks						
			Static Water Supply						
			Fire Access Tracks & Roads						
Lady Northcote Camp YMCA - 54024		E		Likely	Catastrophic	H		1B	
			Bushfire Preparedness Plan						
Burnbrae Lodge - 54025		VH		Likely	Major	H		2A	
			Bushfire Preparedness Plan						
Glen Park PS - 54057	Fire to north from grassland, possible ember attack from west	H		Likely	Moderate	M		3A	
			Bushfire Preparedness Plan						
			Fire Plug Installation & Maintenance						
			Staff Fire Awareness Training						
Narmbool Discovery Camp and Lodge - 54030		E		Likely	Catastrophic	H		1B	
			Bushfire Preparedness Plan						
Sunnystones Country Retreat - 54026		E		Likely	Catastrophic	H		1B	
			Bushfire Preparedness Plan						
Ararat Rail Line - 54225		VH		Almost Certain	Moderate			2C	
			Routine Asset Site Maintenance						
Bacchus Marsh City Gas Gate - 54206		L		Unlikely	Minor			NA	
			Routine Asset Site Maintenance						
Bacchus Marsh Gisborne Road - 54215		H		Almost Certain	Minor			3D	
			Multiple Fuel Management Regime						
Bacchus Marsh Airport - 54207		L		Unlikely	Minor			NA	
			Slashing Programme						
BATS-BETS 220KV Transmission Line - 54212		H		Likely	Moderate			3D	
			Routine Asset Site Maintenance						
			Operations Restrictions						
			Bushfire Preparedness Plan						
			Powerline Hazard Tree ID, Management & Reporting						
			Compliance Enforcement of Legislation						

ASSET DESCRIPTION & ID NUMBER	LIKELY SCENARIO	RISK RATING	EXISTING MULTI AGENCY TREATMENTS — Generic Treatments for all Human Settlement: Building Code of Australia; Community Education & Engagement Activities; Community Education Programmes; Compliance Enforcement of Legislation; Fire Hazard Inspection Program & Issue of Notices; Powerline Hazard Tree ID, Management & Reporting; Public Awareness - Multi Media Communications; Strategic Fire Breaks (Control Lines Only)	LIKELIHOOD	CONSEQUENCE	RESIDUAL RISK	ADDITIONAL RECCOMENDED TREATMENTS	TREATMENT PRIORITY	ADDITIONAL RECCOMENDED TREATMENT COMMENTS
BATS-TGTSTransmission Line - 54216		H		Likely	Moderate			3A	
			Routine Asset Site Maintenance						
			Operations Restrictions						
			Bushfire Preparedness Plan						
			Powerline Hazard Tree ID, Management & Reporting						
			Compliance Enforcement of Legislation						
Ballarat to Bacchus Marsh 66KV Transmission Line - 54203		VH		Almost Certain	Moderate			2C	
			Routine Asset Site Maintenance						
			Compliance Enforcement of Legislation						
			Bushfire Preparedness Plan						
			Operations Restrictions						
Bacchus Marsh Zone Substation - 54201		VH		Almost Certain	Moderate			2C	
			Operations Restrictions						
			Routine Asset Site Maintenance						
Ballan Channel - 54254		M		Likely	Minor			4	
			Routine Asset Site Maintenance						
Bolwarra Weir - 54231		L		Unlikely	Minor			NA	
			Routine Asset Site Maintenance						
Bostock Reservoir - 54232		H		Likely	Moderate			3A	
			Multiple Fuel Management Regime						
Bostock Channel - 54251		L		Unlikely	Minor			NA	
			Routine Asset Site Maintenance						
Brooklyn to Bacchus Marsh 66KV Transmission Line - 54202		VH		Almost Certain	Moderate			2C	
			Routine Asset Site Maintenance						
			Compliance Enforcement of Legislation						
			Bushfire Preparedness Plan						
			Operations Restrictions						
Daylesford to Mollinghip 22KV Transmission Line - 54257		H		Almost Certain	Minor			3D	
			Routine Asset Site Maintenance						
			Compliance Enforcement of Legislation						
			Bushfire Preparedness Plan						
			Operations Restrictions						
Djerriwarrh Reservoir - 54236		H		Likely	Moderate			3A	
			Multiple Fuel Management Regime						
Geelong Ballan Road - 54214		H		Almost Certain	Minor			3D	
			Multiple Fuel Management Regime						
			Bushfire Preparedness Plan						
Geelong Rail Line - 54226		H		Almost Certain	Minor			3D	
			Other Fuel Hazard Management (incl. grazing)						
Korweinguboora Reservoir - 54230		H		Likely	Moderate			3A	
			Multiple Fuel Management Regime						
Lal Lal WTP - 54209		E		Almost Certain	Major			1C	
			Multiple Fuel Management Regime						
Merrimu Reservoir - 54237		H		Likely	Moderate			3A	
			Multiple Fuel Management Regime						
MLTS-BATS 220KV Transmission Line 1 - 54256		VH		Almost Certain	Moderate			2C	
			Routine Asset Site Maintenance						
			Operations Restrictions						
			Bushfire Preparedness Plan						
			Powerline Hazard Tree ID, Management & Reporting						
			Compliance Enforcement of Legislation						

ASSET DESCRIPTION & ID NUMBER	LIKELY SCENARIO	RISK RATING	EXISTING MULTI AGENCY TREATMENTS **Generic Treatments for all Human Settlement** Building Code of Australia Community Education & Engagement Activities Community Education Programmes Compliance Enforcement of Legislation Fire Hazard Inspection Program & Issue of Notices Powerline Hazard Tree ID, Management & Reporting Public Awareness - Multi Media Communications Strategic Fire Breaks (Control Lines Only)	LIKELIHOOD	CONSEQUENCE	RESIDUAL RISK	ADDITIONAL RECCOMENDED TREATMENTS	TREATMENT PRIORITY	ADDITIONAL RECCOMENDED TREATMENT COMMENTS
MLTS-BATS 220KV Transmission Line2 - 54255		VH		Almost Certain	Moderate			2C	
			Routine Asset Site Maintenance						
			Operations Restrictions						
			Bushfire Preparedness Plan						
			Powerline Hazard Tree ID, Management & Reporting						
			Compliance Enforcement of Legislation						
Myrnoing WTP - 54240		H		Likely	Moderate			3A	
			Routine Asset Site Maintenance						
Myrniong Trentham Road - 54213		H		Almost Certain	Minor			3D	
			Multiple Fuel Management Regime						
Parwan South RWP - 54249		H		Likely	Moderate			3A	
			Routine Asset Site Maintenance						
SYTS-MLTS 500KV Transmission Line 1 - 54223		H		Likely	Moderate			3A	
			Routine Asset Site Maintenance						
			Operations Restrictions						
			Bushfire Preparedness Plan						
			Powerline Hazard Tree ID, Management & Reporting						
			Compliance Enforcement of Legislation						
SYTS-MLTS 500KV Transmission Line 2 - 54224		H		Likely	Moderate			3A	
			Routine Asset Site Maintenance						
			Operations Restrictions						
			Bushfire Preparedness Plan						
			Powerline Hazard Tree ID, Management & Reporting						
			Compliance Enforcement of Legislation						
Wallace City Gas Gate - 54210		L		Unlikely	Minor			NA	
			Routine Asset Site Maintenance						
Western HWY - 54220		VH		Almost Certain	Moderate			2C	
			Bushfire Preparedness Plan						
			Slashing Programme						
Yankee Flat Road - 54217		H		Almost Certain	Minor			3D	
			Bushfire Preparedness Plan						
			Slashing Programme						
Hardwood Plantations - 54233		E		Almost Certain	Major			1C	
			Burn Programme						
			Other Fuel Hazard Management (incl. grazing)						
Softwood Plantations - 54234		E		Almost Certain	Major			1C	
			Burn Programme						
			Other Fuel Hazard Management (incl. grazing)						
Bourkes LN WPS - 54259		M		Likely	Minor			4	
			Routine Asset Site Maintenance						
Pentland Hills WPS - 54260		M		Likely	Minor			4	
			Routine Asset Site Maintenance						
Dicksons WT - 54261		M		Likely	Minor			4	
			Routine Asset Site Maintenance						
Underbank Basin and WPS -54262		M		Likely	Minor			4	
			Routine Asset Site Maintenance						
Maddingley WT - 54263		M		Likely	Minor			4	
			Routine Asset Site Maintenance						
Barramundi DR SPS - 54264		M		Likely	Minor			4	
			Routine Asset Site Maintenance						
The Avenue of Honour SPS - 54265		M		Likely	Minor			4	
			Routine Asset Site Maintenance						
Hopetoun Park SPS - 54266		M		Likely	Minor			4	
			Routine Asset Site Maintenance						
Riverview DR SPS - 54267		M		Likely	Minor			4	
			Routine Asset Site Maintenance						

ASSET DESCRIPTION & ID NUMBER	LIKELY SCENARIO	RISK RATING	EXISTING MULTI AGENCY TREATMENTS — Generic Treatments for all Human Settlement: Building Code of Australia; Community Education & Engagement Activities; Community Education Programmes; Compliance Enforcement of Legislation; Fire Hazard Inspection Program & Issue of Notices; Powerline Hazard Tree ID, Management & Reporting; Public Awareness - Multi Media Communications; Strategic Fire Breaks (Control Lines Only)	LIKELIHOOD	CONSEQUENCE	RESIDUAL RISK	ADDITIONAL RECCOMENDED TREATMENTS	TREATMENT PRIORITY	ADDITIONAL RECCOMENDED TREATMENT COMMENTS
Parwan South WT - 54268		M		Likely	Minor			4	
			Routine Asset Site Maintenance						
Wilkies WT - 54269		M		Likely	Minor			4	
			Routine Asset Site Maintenance						
Gisborne RD WT - 54270		M		Likely	Minor			4	
			Routine Asset Site Maintenance						
Mt Blackwood RD WT - 54271		M		Likely	Minor			4	
			Routine Asset Site Maintenance						
Bences RD WT and WPS - 54272		M		Likely	Minor			4	
			Routine Asset Site Maintenance						
Dodemaide CRT WT - 54273		M		Likely	Minor			4	
			Routine Asset Site Maintenance						
Merrimu WPS - 54274		H		Likely	Moderate			3A	
			Routine Asset Site Maintenance						
Long Forest RD WT and WPS - 54275		M		Likely	Minor			4	
			Routine Asset Site Maintenance						
Possum Trail Track SPS - 54276		M		Likely	Minor			4	
			Routine Asset Site Maintenance						
Browns WT - 54277		M		Likely	Minor			4	
			Routine Asset Site Maintenance						
St Andrews WAY SPS - 54278		M		Likely	Minor			4	
			Routine Asset Site Maintenance						
Swans RD WT and WPS - 54279		M		Likely	Minor			4	
			Routine Asset Site Maintenance						
Darley High Basin and WPS - 54280		M		Likely	Minor			4	
			Routine Asset Site Maintenance						
Mt Steiglitz Ballan Clear WPS - 54282		H		Likely	Moderate			3A	
			Routine Asset Site Maintenance						
AgriPac Grain Site - 54283		M		Likely	Minor			4	
			Routine Asset Site Maintenance						
Montagues Cold Storage - 54284		M		Likely	Minor			4	
			Routine Asset Site Maintenance						
Lady Northcote Rec Camp - 54602									
Greystones Homestead - 54603									
Blacksmiths Cottage/shop - 54604									
House 10 Gisborne Rd - 54605									
Bacchus Marsh Express - 54606									
House 6 Gisborne Rd - 54607									
Police Station and Old Lock Up - 54608									
Bacchus Marsh Courthouse - 54609									
Millbank - 54610									
Ellerslie - 54611									
The Manor House - 54612									
Ave of Honour - 54613									
Hopetoun Catholic Cemet - 54614									
Former Leahy's Residence - 54615									
Baker House - 54616									
Wheelers Tramway - 54617									
Former Brinds Distillery - 54618									
Gordon Railway Stn - 54619									

ASSET DESCRIPTION & ID NUMBER	LIKELY SCENARIO	RISK RATING	EXISTING MULTI AGENCY TREATMENTS Generic Treatments for all Human Settlement: Building Code of Australia; Community Education & Engagement Activities; Community Education Programmes; Compliance Enforcement of Legislation; Fire Hazard Inspection Program & Issue of Notices; Powerline Hazard Tree ID, Management & Reporting; Public Awareness - Multi Media Communications; Strategic Fire Breaks (Control Lines Only)	LIKELIHOOD	CONSEQUENCE	RESIDUAL RISK	ADDITIONAL RECCOMENDED TREATMENTS	TREATMENT PRIORITY	ADDITIONAL RECCOMENDED TREATMENT COMMENTS
Portland Flat Rd Bridge - 54620									
Rothbury - 54621									
Lal Lal iron mine & Smelting - 54622									
Rail Bridge and Embankment - 54623									
Aust Beam Wireless Transmitting Stn - 54624									
St Brendan's PS - 5450597		H		Likely	Moderate			3A	
Bungaree PS - 5450598		H		Likely	Moderate			3A	
Wallace and Dist Kinder - 5450599		H		Likely	Moderate			3A	
Gordon PS - 5450600		VH		Almost Certai	Moderate			2C	
Bacchus Marsh Grammar & OSHC - 5450602		H		Likely	Moderate			3A	
Bacchus Marsh Montessori Preschool - 5450611		H		Likely	Moderate			3A	
Myrniong PS and OSHC - 5450617		H		Likely	Moderate			3A	
Lake Dewar loge YMCA - 5450618		H		Likely	Moderate			3A	
Ballan & Dist Preschool - 5450619		VH		Likely	Major			2A	
St Michaels PS Springbank - 5450623		H		Likely	Moderate			3A	
St Mary's School - Clarkes Hill - 5450624		H		Likely	Moderate			3A	
Barrys Reef Camp Site - 5452046		E		Likely	Catastrophic			1B	
Werribee Gorge - 5452126		E		Likely	Catastrophic			1B	
Myrniong PS OSHC		H		Likely	Moderate			3A	
Pykes Creek Reservoir - 5451754		VH		Likely	Major			2A	
Merrimu Reservoir - 5451755		VH		Likely	Major			2A	
Pykes Creek Diversion Tunnel - 5451758		VH		Likely	Major			2A	
Moorabool SWSC - 5451770		VH		Likely	Major			2A	
Railway Weir - 5451949		L		Unlikely	Minor			NA	
Lerderderg Weir - 5452306		VH		Likely	Major			2A	
Goodmans Creek Diversion Weir - 5452307		VH		Likely	Major			2A	
Goodmans Creek Tunnel - 5452308		VH		Likely	Major			2A	
Ballan Weir - 5452309		H		Likely	Moderate			3A	
Lerderderg River Diversion Tunnel - 5452310		VH		Likely	Major			2A	
Pykes Ck Res Wkshop Office - 5452311		VH		Likely	Major			2A	
Bacchus Marsh Irrigation District Diversion - 5452312		VH		Likley	Major			2A	
Merrimu Reservoir Control Room - 5452321		VH		Likely	Major			2A	
Gordon Mobile Site - 5453102		M		Likely	Minor			4	

ASSET DESCRIPTION & ID NUMBER	LIKELY SCENARIO	RISK RATING	EXISTING MULTI AGENCY TREATMENTS **Generic Treatments for all Human Settlement** Building Code of Australia Community Education & Engagement Activities Community Education Programmes Compliance Enforcement of Legislation Fire Hazard Inspection Program & Issue of Notices Powerline Hazard Tree ID, Management & Reporting Public Awareness - Multi Media Communications Strategic Fire Breaks (Control Lines Only)	LIKELIHOOD	CONSEQUENCE	RESIDUAL RISK	ADDITIONAL RECCOMENDED TREATMENTS	TREATMENT PRIORITY	ADDITIONAL RECCOMENDED TREATMENT COMMENTS
Anthonys Cutting Mobile Site - 5453103		H		Likely	Moderate			3A	
Pentland Hills Bridge Mobile Site - 5453104		M		Likley	Minor			4	

APPENDIX A.2 - STRUCTURE FIRE RISK MANAGEMENT REGISTER

MOORABOOL SHIRE

VFRR ASSET CLASS	PROPOSED ASSET SUB CLASS
Human Settlement	**RESIDENTIAL**
	High Density
	Urban Living
	Interface Living
	Rural Living
	Motels and Other Accommodation
	Caravan Parks
	Camps
	PUBLIC ASSEMBLY
	Entertainment, Leisure & conference Venues
	Institutions
	Hotels / Night Clubs
	HEALTHCARE
	Hospitals and Medical Centres
	Special Care Facilities
Economic	**COMMERCIAL & INDUSTRIAL**
	Retail/Business - joined or contiguous structures
	Retail/Business - separate structures
	Industrial
	Infrastructure
Cultural Heritage	Heritage Listed and Locally Significant Structures

ASSET DESCRIPTION & ID NUMBER	LIKELY SCENARIO	LIKELIHOOD	CONSEQUENCE	RISK RATING	EXISTING TREATMENTS / Generic Treatments	ADDITIONAL TREATMENT RECCOMMENDATIONS	TREATMENT PRIORITY	ADDITIONAL TREATMENT RECCOMMENDATION COMMENTS
					Smoke Alarms - for residential (as required)			
					Community Education Programmes			
					Public Awareness - Multi Media Communications			
					National Construction Code - Building Code of Australia			
					Compliance Enforcement of Legislation			
					Hydrants/Fire Plugs			
					Fire Services Response			
Urban Living - residential dwellings in urban areas	**Fire starting within the residence**	Almost Certain	Minor	H				
					JFAIP Program			
					School Education Programmes			
Interface Living - rural/residential dwellings in interface areas	**Fire starting within the residence and outbuildings**	Almost Certain	Minor	H				
rural/residential dwellings in interface areas					JFAIP Program			
					School Education Programmes			
Rural Living- dwellings and structures in rural areas	**Fire starting within structures**	Almost Certain	Minor	H				
dwellings and structures in rural areas					JFAIP Program			
					School Education Programmes			
Motels and Other Accommodation - backpackers, guest houses, boarding houses, special accommodation including assisted accommodation	**Fire starting within the building**	Possible	Moderate	L				
					Monitored Fire Alarm			
					Fire Sprinkler/Extinguisher Installation & Maintenance			
Caravan Parks	**Fire starting within caravan or other buildings on site**	Unlikely	Minor	L				
					Emergency Management Plans			
					Caravan Park Fire Safety Guidelines			
					Fire Fighting Equipment Installation & Maintenance			
Camps- school & scout camps	**Fire starting within buildings**	Possible	Moderate	M				
					Emergency Management Plans			
					Fire Sprinkler/Extinguisher Installation & Maintenance			
					Staff Fire Awareness Training			
Entertainment, Leisure & conference Venues - tourist parks, swimming pools, public halls (Council & DSE), sporting clubs, cinemas, gyms, performing art centres,	**Fire starting within buildings**	Possible	Major	H				
					Emergency Management Plans as required			
					Fire Sprinkler/Extinguisher Installation & Maintenance			
					Staff Fire Awareness Training as required			
					CFA Brigade Pre Plans			
					OHS Legislation Requirements			
Institutions - kindergartens & childcare facilities, primary, secondary & special schools, universities, neighbourhood houses, religious centres, government buildings, community group facilities	**Fire starting within the building**	Possible	Major	H				
					Monitored Fire Alarm			
					JFAIP Program			
					Staff Fire Awareness Training			
					Fire Sprinkler/Extinguisher Installation & Maintenance			
					CFA Brigade Pre Plans			
					School Education Programmes			
					OHS Legislation Requirements			

ASSET DESCRIPTION & ID NUMBER	LIKELY SCENARIO	LIKELIHOOD	CONSEQUENCE	RISK RATING	EXISTING TREATMENTS Generic Treatments Smoke Alarms - for residential (as required) Community Education Programmes Public Awareness - Multi Media Communications National Construction Code - Building Code of Australia Compliance Enforcement of Legislation Hydrants/Fire Plugs Fire Services Response	ADDITIONAL TREATMENT RECCOMMENDATIONS	TREATMENT PRIORITY	ADDITIONAL TREATMENT RECCOMMENDATION COMMENTS
Hotels / Night Clubs	**Fire starting within the building**	**Possible**	**Major**	**H**				
					Monitored Fire Alarm			
					Fire Sprinkler/Extinguisher Installation & Maintenance			
					Liquor Licensing Regulations			
					CFA Brigade Pre Plans			
					Staff Fire Awareness Training			
					Emergency Management Plans			
					OHS Legislation Requirements			
Institutions - kindergartens & childcare facilities, primary, secondary & special schools, universities, neighbourhood houses, religious centres, government buildings, community group facilities	**Fire starting within the building**	**Possible**	**Major**	**H**				
					Emergency Management Plans			
					Fire Sprinkler/Extinguisher Installation & Maintenance			
					CFA Brigade Pre Plans			
					Staff Fire Awareness Training			
					DHS Accreditation			
					CFA Brigade Pre Plans			
Hospitals and Medical Centres	**Minor Fire starting within the building**	**Possible**	**Moderate**	**M**				
					Emergency Management Plans			
					Fire Sprinkler/Extinguisher Installation & Maintenance			
					CFA Brigade Pre Plans			
					Staff Fire Awareness Training			
					DHS Accreditation			
Special Care Facilities - day care centres & nursing homes, hostels/hospices	**Fire starting within the building**	**Possible**	**Moderate**	**M**				
					Emergency Management Plans			
					Fire Sprinkler/Extinguisher Installation & Maintenance			
					CFA Brigade Pre Plans			
					Compliance Enforcement of Legislation			
					Staff Fire Awareness Training			
Retail/Business - joined or contiguous structures - strip shopping areas & shopping centres	**Fire starting within/spreading from ajoining building**	**Unlikely**	**Major**	**M**				
					Monitored Fire Alarm			
					Staff Fire Awareness Training			
					Emergency Management Plans			
					Fire Sprinkler/Extinguisher Installation & Maintenance			
					CFA Brigade Pre Plans			
Retail/Business - separate structures	**Fire starting within/spreading from ajoining building**	**Unlikely**	**Major**	**M**				
					Monitored Fire Alarm			
					Staff Fire Awareness Training			
					Emergency Management Plans			
					Fire Sprinkler/Extinguisher Installation & Maintenance			
					CFA Brigade Pre Plans			

ASSET DESCRIPTION & ID NUMBER	LIKELY SCENARIO	LIKELIHOOD	CONSEQUENCE	RISK RATING	EXISTING TREATMENTS	ADDITIONAL TREATMENT RECCOMMENDATIONS	TREATMENT PRIORITY	ADDITIONAL TREATMENT RECCOMMENDATION COMMENTS
					EXISTING TREATMENTS **Generic Treatments** Smoke Alarms - for residential (as required) Community Education Programmes Public Awareness - Multi Media Communications National Construction Code - Building Code of Australia Compliance Enforcement of Legislation Hydrants/Fire Plugs Fire Services Response			
Industrial - agricultural ,manufacturing, processing, quarries, freight and transport facilities, bulk storage facilities etc.	Fire starting within the building	Unlikely	Moderate	L				
					Monitored Fire Alarm			
					Staff Fire Awareness Training			
					Emergency Management Plans			
					Fire Sprinkler/Extinguisher Installation & Maintenance			
					CFA Brigade Pre Plans			
Infrastructure - minior infrastructure locations - comms, gas, power, sewerage, train station, airfields etc.	Fire starting within the building	Unlikely	Low	L				
					Monitored Fire Alarm			
					Staff Fire Awareness Training			
					Emergency Management Plans			
					Fire Sprinkler/Extinguisher Installation & Maintenance			
					CFA Brigade Pre Plans			
Critical Infrastructure - critical infrastructure locations - comms, water, gas, power, sewerage, train station, airport etc.	Fire starting within the building	Unlikely	Major	H				
					Monitored Fire Alarm			
					Staff Fire Awareness Training			
					Emergency Management Plans			
					Fire Sprinkler/Extinguisher Installation & Maintenance			
					CFA Brigade Pre Plans			
Heritage Listed and Locally Significant Structures	Fire starting within the building	Unlikely	Minor	L				
Refer to Heritage Overlay, National Trust and Heritage Victoria					Staff Fire Awareness Training as required			
weblinks?					Emergency Management Plans as required			
					Fire Sprinkler/Extinguisher Installation & Maintenance			
					CFA Brigade Pre Plans			

VFRR ASSET CLASS	PROPOSED ASSET SUB CLASS
Human Settlement	**RESIDENTIAL**

High Density	
Urban Living	
Interface Living	
Rural Living	
Motels and Other Accommodation	
Caravan Parks	
Camps	

PUBLIC ASSEMBLY

Entertainment, Leisure & conference Venues
Institutions
Hotels / Night Clubs

HEALTHCARE

Hospitals and Medical Centres
Special Care Facilities

Economic — **COMMERCIAL & INDUSTRIAL**

Retail/Business - joined or contiguous structures
Retail/Business - separate structures
Industrial
Infrastructure
Transport - rail, marine, road, air

Environmental

Flora & Fauna, Land, Water & Air Quality

Cultural Heritage

Heritage Listed and Locally Significant Structures

ASSET SUB CLASS & DEFINITION	LIKELY SCENARIO	LIKELIHOOD	CONSEQUENCE	RISK RATING	EXISTING TREATMENTS	ADDITIONAL TREATMENT RECCOMMENDATIONS	TREATMENT PRIORITY	ADDITIONAL TREATMENT RECCOMMENDATION COMMENTS
Urban Living - residential dwellings in urban areas	**Chemical Spill**	**Likely**	**Insignificant**	**M**				
					Staff Fire Awareness Training			
					Emergency Management Plans			
					Compliance Enforcement of Legislation			
					CFA Brigade Pre Plans			
					OH&S Legislations			
Interface Living - rural/residential dwellings in interface areas	**Chemical Spill**	**Likely**	**Insignificant**	**M**				
					Staff Fire Awareness Training			
					Emergency Management Plans			
					Compliance Enforcement of Legislation			
					CFA Brigade Pre Plans			
					OH&S Legislations			
Rural Living - dwellings and structures in rural areas	**Chemical Spill**	**Likely**	**Moderate**	**H**				
					Staff Fire Awareness Training			
					Emergency Management Plans			
					Compliance Enforcement of Legislation			
					CFA Brigade Pre Plans			
					OH&S Legislations			
Motels and Other Accommodation - backpackers, guest houses, boarding houses, special accommodation including assisted accommodation	**Chemical Spill**	**Unlikely**	**Low**	**L**				
					Staff Fire Awareness Training			
					Emergency Management Plans			
					Compliance Enforcement of Legislation			
					CFA Brigade Pre Plans			
					OH&S Legislations			
Caravan Parks	**Chemical Spill**	**Rare**	**Low**	**L**				
					Staff Fire Awareness Training			
					Emergency Management Plans			
					Compliance Enforcement of Legislation			
					CFA Brigade Pre Plans			
					OH&S Legislations			
Camps - school & scout camps	**Chemical Spill**	**Rare**	**Low**	**L**				
					Staff Fire Awareness Training			
					Emergency Management Plans			
					Compliance Enforcement of Legislation			
					CFA Brigade Pre Plans			
					OH&S Legislations			
Entertainment, Leisure & Conference Venues - tourist parks, public halls (Council & DEPI), sporting clubs, cinemas, gyms, performing art centres	**Chemical Spill**	**Unlikely**	**Low**	**L**				
Swimming Pools	Chemical Spill	Unlikely	Low	L	Staff Fire Awareness Training			
					Emergency Management Plans			
					Compliance Enforcement of Legislation			
					CFA Brigade Pre Plans			
					OH&S Legislations			

ASSET SUB CLASS & DEFINITION	LIKELY SCENARIO	LIKELIHOOD	CONSEQUENCE	RISK RATING	EXISTING TREATMENTS	ADDITIONAL TREATMENT RECCOMMENDATIONS	TREATMENT PRIORITY	ADDITIONAL TREATMENT RECCOMMENDATION COMMENTS
Institutions - kindergartens & childcare facilities, primary, secondary & special schools, universities, neighbourhood houses, religious centres, government buildings	Chemical Spill	Rare	Moderate	L				
					Staff Fire Awareness Training			
					Emergency Management Plans			
					Compliance Enforcement of Legislation			
					CFA Brigade Pre Plans			
					OH&S Legislations			
Hotels	Chemical Spill	Unlikely	Low	L				
					Staff Fire Awareness Training			
					Emergency Management Plans			
					Compliance Enforcement of Legislation			
					CFA Brigade Pre Plans			
					OH&S Legislations			
Hospitals and Medical Centres	Chemical Spill	Possible	Moderate	M				
					Staff Fire Awareness Training			
					Emergency Management Plans			
					Compliance Enforcement of Legislation			
					CFA Brigade Pre Plans			
					OH&S Legislations			
Special Care Facilities - day care centres & nursing homes, hostels/hospices	Chemical Spill	Unlikely	Low	L				
					Staff Fire Awareness Training			
					Emergency Management Plans			
					Compliance Enforcement of Legislation			
					CFA Brigade Pre Plans			
					OH&S Legislations			
Retail/Business - strip shopping areas, shopping centres & separate structures	Chemical Spill	Unlikely	Low	L				
					Staff Fire Awareness Training			
					Emergency Management Plans			
					Compliance Enforcement of Legislation			
					CFA Brigade Pre Plans			
					OH&S Legislations			
Industrial - manufacturing, processing, quarries, mines etc.	Chemical Spill	Possible	Moderate	M				
					Staff Fire Awareness Training			
					Emergency Management Plans			
					Compliance Enforcement of Legislation			
					CFA Brigade Pre Plans			
					OH&S Legislations			

ASSET SUB CLASS & DEFINITION	LIKELY SCENARIO	LIKELIHOOD	CONSEQUENCE	RISK RATING	EXISTING TREATMENTS	ADDITIONAL TREATMENT RECCOMMENDATIONS	TREATMENT PRIORITY	ADDITIONAL TREATMENT RECCOMMENDATION COMMENTS
Infrastructure - minior infrastructure locations - comms, water, gas, power, sewerage, train station, airport etc.	Chemical Spill	Likely	Low	H				
					Staff Fire Awareness Training			
					Emergency Management Plans			
					Compliance Enforcement of Legislation			
					CFA Brigade Pre Plans			
					OH&S Legislations			
Critical Infrastructure - critical infrastructure locations - comms, water, gas, power, sewerage, train station, airport etc.	Chemical Spill	Rare	Major	M				
					Staff Fire Awareness Training			
					Emergency Management Plans			
					Compliance Enforcement of Legislation			
					CFA Brigade Pre Plans			
					OH&S Legislations			
Transport - rail, marine, road, air	Chemical Spill	Likely	Major	VH				
					Staff Fire Awareness Training			
					Emergency Management Plans			
					Compliance Enforcement of Legislation			
					CFA Brigade Pre Plans			
					OH&S Legislations			
Flora & Fauna, Land, Water & Air Quality	Chemical Spill	Likely	Major	VH				
					Staff Fire Awareness Training			
					Emergency Management Plans			
					Compliance Enforcement of Legislation			
					CFA Brigade Pre Plans			
					OH&S Legislations			
Heritage Listed and Locally Significant Structures - refer to Heritage Overlay, National Trust and Heritage Victoria	Chemical Spill	Rare	Low	L				
					Staff Fire Awareness Training			
					Emergency Management Plans			
					Compliance Enforcement of Legislation			
					CFA Brigade Pre Plans			
					OH&S Legislations			

Multi Agency Work Plan

B.1   Multi Agency Bushfire Asset Work Plan

B.2   Municipal Structure Fire Work Plan

B.3   Municipal Hazardous Materials Incident Work Plan

APPENDIX B.1 - MULTI AGENCY BUSHFIRE WORK PLAN

MOORABOOL SHIRE

VFRR ASSET CLASS   **VFRR ASSET SUB CLASS**

Human Settlement

Residential
Other
Special Fire Protection

Economic

Agriculture
Commercial
Infrastructure
Tourist and Recreational
Mines
Commerical Forests
Drinking Water Catchments

Environmental

Locally Important
Endangered
Vulnerable

Cultural Heritage

Aboriginal Significance
Non Indigenous
Other

Human settlement localities are listed alphabetically from the VFRR asset sub class, with assets sorted geographically to the nearest locality where possible. Outer lying assets and municipal wide assets (infrastructure) are at the end of the work plan.

DESCRIPTION & ASSET ID NUMBER	SOUTH WEST SPATIAL VISION MAP BOOK - MAP PAGE NUMBER	DELIVERABLE MULTI AGENCY TREATMENTS	TREATMENT DETAIL	TREATMENT DETAIL IN AGENCY PLAN ON WEBSITE	RESPONSIBLE AGENCY	2017-2018 Agency Report May 2018	COMMENTS 2017 - 2018	2018-2019 Agency Report May 2019	COMMENTS 2018 - 2019	2019-2020 Agency Report May 2020	COMMENTS 2019 - 2020
Bacchus Marsh - 54038	6526										
		Strategic Fire Breaks	Bacchus Marsh-Balliang Rd - Refer to Appendix E.2		Council						
			Western Fwy - Refer to Appendix E.2		VicRoads						
		Fire Access Tracks & Roads	Inspection of tracks in area (MFPO)		Council						
			Inspection of tracks in area		DELWP/FFMVic						
Pentland PS - 54019	6526										
		Bushfire Preparedness Plan	School Bushfire Protection Project: Bushfire attack level assessments undertaken		DET						
			Emergency and Evacuation plans in place		DET						
		Fire Plug Installation & Maintenance	Regular inspection of fire plugs		DET						
		Staff Fire Awareness Training	Evacuation Drills		DET						
Bald Hill Communications Tower - 54227	6526										
		Multiple Fuel Management Regime			Owner						
		Routine Asset Site Maintenance			Owner						
Dickie Street SPS - 54245	6526										
		Slashing Programme			Western Water						
Grant Street SPS - 54247	6526										
		Slashing Programme			Western Water						
Lerderderg Park Road WPS - 54242	6526										
		Slashing Programme			Western Water						
Masons Lane SPS - 54244	6526										
		Slashing Programme			Western Water						
Mc Grath Street SPS - 54246	6526										
		Slashing Programme			Western Water						
Riverbend Drive SPS - 54243	6526										
		Slashing Programme			Western Water						
Stamford Hill Tank and WPS - 54239	6526										
		Slashing Programme			Western Water						
Station Street SPS - 54238	6526										
		Slashing Programme			Western Water						
Vance Cl SPS - 54241	6526										
		Slashing Programme			Western Water						
Bacchus Marsh CDB - 54056	6526										
		Fire Plug Installation & Maintenance	Brigade inspection fire plugs in area		CFA						
		Strategic Fire Breaks	Western Fwy - Refer to Appendix E.2		VicRoads						
Ballan - 54031	6440, 6524										
		Slashing Programme	Midlands Fire Operations Plan		DELWP/FFMVic						
		Strategic Fire Breaks	Stone Hut Lane & Ballan-Greendale Rd - Refer to Appendix E.2		Council						
			Western Fwy & Geelong-Ballan Rd - Refer to Appendix E.2		VicRoads						
		Fire Access Tracks & Roads	Inspection of tracks in area (MFPO)		Council						
Ballan City Gas Gate - 54208	6524										
		Routine Asset Site Maintenance			Owner						
Blackwood and Barry/ Simmons Reef - 54004	6357										

		Burn Programme	Midlands Fire Operations Plan	Link	DELWP/FFMVic						
		Fire Access Tracks & Roads	Inspection of tracks in area (MFPO)		Council						
		Fire Plug Installation & Maintenance	Inspection fire plugs in area		CHW						
		Bushfire Preparedness Plan	Assisted preparation of personal preparedness plans for vulnerable people (including emergency and rediplans)		Council						
		Priority Egress/Access Roads	Greendale -Trentham Road - Refer to Appendix E.2		VicRoads						
			Greendale -Trentham Road - Refer to Appendix E.2		Powercor						
		Community Information Guides	CIG developed for Blackwood area	Link	CFA						
		Slashing Programme	Midlands Fire Operations Plan	Link	DELWP/FFMVic						
		Community Fire Refuge Roads	Greendale-Trentham Rd - Refer to Appendix E.3		VicRoads						
			All Community Fire Refuge Roads (except Greendale-Trentham Rd) within Moorabool Shire - Refer to Appendix E.3		EMV State Govt						
Blackwood Mineral Springs Caravan Park - 54023	6441										
		Bushfire Preparedness Plan	Emergency Management Plan developed		Owner						
Blackwood Special School Camp - 54028	6441										
		Bushfire Preparedness Plan	Emergency Management Plan developed		Owner						
Blackwood Mobile Base Station - 54205	6441										
		Routine Asset Site Maintenance			Owner						
		Powerline Hazard Tree ID, Management & Reporting			Owner						
Blackwood WTP - 54204	6357										
		Multiple Fuel Management Regime			Owner						
Blue Mountain Communications and FireTower - 54229	6357										
		Other Fuel Hazard Management (incl. grazing)			Owner						
		Routine Asset Site Maintenance			Owner						
		Powerline Hazard Tree ID, Management & Reporting			Owner						
Bungaree - 54033	6438										
		Fire Access Tracks & Roads	Inspection of tracks in area (MFPO)		Council						
Dales Creek - 54002	6441										
		Burn Programme	Midlands Fire Operations Plan	Link	DELWP/FFMVic						
		Strategic Fire Breaks	Mt Blackwood Rd - Refer to Appendix E.2		Council						
		Fire Access Tracks & Roads	Inspection of tracks in area (MFPO)		Council						
			Inspection of tracks in area		DELWP/FFMVic						
		Bushfire Preparedness Plan	Assisted preparation of personal preparedness plans for vulnerable people (including emergency and rediplans)		Council						
		Priority Egress/Access Roads	Greendale -Trentham Road - Refer to Appendix E.2		VicRoads						
			Greendale -Trentham Road - Refer to Appendix E.2		Powercor						
		Community Information Guides	CIG developed for Greendale & Dales Creek area	Link	CFA						
		Neighbourhood Safer Places - Places of Last Resort	Designated and maintained PLR -NSP at Greendale Egans Reserve - Greendale-Ballan Rd (entry via Bradys Lane).	Link	Council						
		Community Fire Refuge Roads	Myrniong-Trentham Rd - Refer to Appendix E.2		Pilot Project Team						
Darley North - 54054	6526										

		Burn Programme	Midlands Fire Operations Plan	Link	DELWP/FFMVic				
		Slashing Programme			DELWP/FFMVic				
		Fire Access Tracks & Roads	Inspection of tracks in area (MFPO)		Council				
			Inspection of tracks in area		DEDJTR				
		Community Information Guides	CIG developed for Darley area	Link	CFA				
		Bushfire Preparedness Plan	Assisted preparation of personal preparedness plans for vulnerable people (including emergency and rediplans)		Council				
		Neighbourhood Safer Places - Places of Last Resort	Designated and maintained PLR -NSP at Darley Civic and Community Hub - Wittick St (opposite Lewis St)	Link	Council				
Dunnstown - 54034	**6438**								
		Strategic Fire Breaks	Old Melbourne Rd - Refer to Appendix E.2		Council				
		Fire Access Tracks & Roads	Inspection of tracks in area (MFPO)		Council				
Kryal Castle - 54228	**6438**								
		Other Fuel Hazard Management (incl. grazing)			Owner				
Mount Warrenheip Mobile Base Station - 54211	**6438**								
		Routine Asset Site Maintenance			Owner				
Elaine - 54035	**6604**								
		Fire Access Tracks & Roads	Inspection of tracks in area (MFPO)		Council				
			Inspection of tracks in area		DELWP/FFMVic				
		Static Water Supply	Elaine Fire Shed		CFA				
		Bushfire Preparedness Plan	Plantation Owners Plans		PV				
Gordon - 54029	**6439**								
		Strategic Fire Breaks	Corbetts Rd & Gordon-Egerton Rd - Refer to Appendix E.2		Council				
			Western Fwy - Refer to Appendix E.2		VicRoads				
		Fire Access Tracks & Roads	Inspection of tracks in area (MFPO)		Council				
		Community Information Guides	CIG developed for Gordon area	Link	CFA				
		Neighbourhood Safer Places - Places of Last Resort	Designated and maintained PLR -NSP at Gordo Community Hall - Main St (opposite Russell St)	Link	Council				
Greendale - 54003	**6441**								
		Burn Programme	Midlands Fire Operations Plan	Link	DELWP/FFMVic				
		Strategic Fire Breaks	Ballan-Greendale Rd - Refer to Appendix E.2		Council				
		Fire Access Tracks & Roads	Inspection of tracks in area (MFPO)		Council				
			Inspection of tracks in area		DELWP/FFMVic				
		Fire Plug Installation & Maintenance	Brigade inspection fire plugs in area		CHW				
		Bushfire Preparedness Plan	Assisted preparation of personal preparedness plans for vulnerable people (including emergency and rediplans)		Council				
		Priority Egress/Access Roads	Greendale -Trentham Road - Refer to Appendix E.2		VicRoads				
			Greendale -Trentham Road - Refer to Appendix E.2		Powercor				
		Community Information Guides	CIG developed for Greendale & Dales Creek area	Link	CFA				
		Neighbourhood Safer Places - Places of Last Resort	Designated and maintained PLR -NSP at Greendale Egans Reserve - Greendale-Ballan Rd (entry via Bradys Lane).	Link	Council				
		Community Fire Refuge Roads	Myrniong-Trentham Rd - Refer to Appendix E.2		VicRoads				
Hopetoun Park - 54008	**6526, 6527**								
		Fire Access Tracks & Roads	Inspection of tracks in area (MFPO)		Council				
Lal Lal - 54015	**6522**								

		Burn Programme	Midlands Fire Operations Plan		Link DELWP/FFMVic					
		Fire Access Tracks & Roads	Inspection of tracks in area (MFPO)		Council					
			Inspection of tracks in area		DELWP/FFMVic					
		Community Information Guides	CIG developed for Lal Lal area		Link CFA					
Lal Lal PS - 54021	**6522**									
		Operations Restrictions	Closed on Code Red days		Link DET					
		Bushfire Preparedness Plan	School Bushfire Protection Project: Bushfire attack level assessments undertaken		DET					
			Emergency and Evacuation plans in place		DET					
		Fire Plug Installation & Maintenance	Regular inspection of fire plugs		DET					
		Staff Fire Awareness Training	Evacuation Drills		DET					
Lal Lal Falls - 54601	**6522**									
Long Forest - 54007	**6527, 6526**									
		Burn Programme	Midlands Fire Operations Plan		Link DELWP/FFMVic					
		Operations Restrictions	Reduced use of machinery etc. on TFB days		CFA					
		Fire Access Tracks & Roads	Inspection of tracks in area (MFPO)		Council					
		Priority Egress/Access Roads	Long Forest Road - Refer to Appendix E.2		Council					
		Community Information Guides	CIG developed for Long Forest area		Link CFA					
Mt Egerton - 54013	**6523**									
		Burn Programme	Midlands Fire Operations Plan		Link DELWP/FFMVic					
		Strategic Fire Breaks	Gordon-Egerton Rd & Yendon-Egerton Rd - Refer to Appendix E.2		Council					
		Fire Access Tracks & Roads	Inspection of tracks in area (MFPO)		Council					
		Community Information Guides	CIG developed for Mount Egerton area		Link CFA					
Mt Egerton PS - 54022	**6523**									
		Bushfire Preparedness Plan	School Bushfire Protection Project: Bushfire attack level assessments undertaken		DET					
			Emergency and Evacuation plans in place		DET					
		Fire Plug Installation & Maintenance	Regular inspection of fire plugs & hydrants on school grounds		DET					
		Staff Fire Awareness Training	Evacuation Drills		DET					
Myrniong - 54005	**6525**									
		Strategic Fire Breaks	Mt Blackwood Rd - Refer to Appendix E.2		Council					
			Western Fwy - Refer to Appendix E.2		VicRoads					

		Fire Access Tracks & Roads	Inspection of tracks in area (MFPO)		Council						
		Community Information Guides	CIG developed for Myrniong area	Link	CFA						
Wallace - 54032	**6438**										
		Strategic Fire Breaks	Western Fwy - Refer to Appendix E.2		VicRoads						
		Fire Access Tracks & Roads	Inspection of tracks in area (MFPO)		Council						
Balliang East - 54051	**6608**										
		Fire Access Tracks & Roads	Inspection of tracks in area (MFPO)		Council						
Balliang East PS - 54020	**6608**										
		Operations Restrictions	Closed on Code Red days	Link	DET						
		Bushfire Preparedness Plan	School Bushfire Protection Project: Bushfire attack level assessments undertaken		DET						
			Emergency and Evacuation plans in place		DET						
		Fire Plug Installation & Maintenance	Regular inspection of fire plugs		DET						
		Staff Fire Awareness Training	Evacuation Drills		DET						
Barkstead - 54048	**6355, 6439**										
		Burn Programme	Midlands Fire Operations Plan	Link	DELWP/FFMVic						
		Fire Access Tracks & Roads	Inspection of tracks in area (MFPO)		Council						
		Priority Egress/Access Roads	Ballan-Daylesford Road		VicRoads						
Beremboke - 54045	**6606**										
		Burn Programme	Midlands Fire Operations Plan	Link	DELWP/FFMVic						
		Fire Access Tracks & Roads	Inspection of tracks in area (MFPO)		Council						
		Community Information Guides	CIG developed Beremboke & Mount Wallace area	Link	CFA						
Camerons Road Camp - 54027	**6606, 6607**										
		Bushfire Preparedness Plan	Emergency Management Plan developed		Owner						
Blakeville - 54047	**6440**										
		Burn Programme	Midlands Fire Operations Plan	Link	DELWP/FFMVic						
		Fire Access Tracks & Roads	Inspection of tracks in area (MFPO)		Council						
		Community Information Guides	CIG developed for Korweinguboor, Blakeville & Spargo Creek area	Link	CFA						
Coimadai - 54043	**6526**										

		Burn Programme	Midlands Fire Operations Plan	Link	DELWP/FFMVic					
		Fire Access Tracks & Roads	Inspection of tracks in area (MFPO)		Council					
		Static Water Supply	Cameron's Road Coimadai		CFA					
		Priority Egress/Access Roads	Camerons Rd, Russells Rd & Seerey's Track - Refer to Appendix E.2		Council					
		Community Information Guides	CIG developed for Coimadi area	Link	CFA					
Coimadai PS - 54018	6526									
		Operations Restrictions	Closed on Code Red days	Link	DET					
		Bushfire Preparedness Plan	School Bushfire Protection Project: Bushfire attack level assessments undertaken		DET					
			Emergency and Evacuation plans in place		DET					
		Fire Plug Installation & Maintenance	Regular inspection of fire plugs		DET					
		Staff Fire Awareness Training	Evacuation Drills		DET					
Raymond Hader Hostel - 54040	6442									
		Bushfire Preparedness Plan	Emergency Management Plan developed		Owner					
Gisborne Road - 54044	6526, 6442									
		Burn Programme	Midlands Fire Operations Plan	Link	DELWP/FFMVic					
		Strategic Fire Breaks	Western Fwy & Ballan-Daylesford Rd - Appendix E.2		VicRoads					
		Fire Access Tracks & Roads	Inspection of tracks in area (MFPO)		Council					
		Priority Egress/Access Roads	Gisborne Road - Refer to Appendix E.2		Council					
Korweinguboora and Spargo Creek - 54049	6355									
		Burn Programme	Midlands Fire Operations Plan	Link	DELWP/FFMVic					
		Fire Access Tracks & Roads	Inspection of tracks in area (MFPO)		Council					
		Bushfire Preparedness Plan	Assisted preparation of personal preparedness plans for vulnerable people (including emergency and rediplans)		Council					
		Priority Egress/Access Roads	Ballan-Daylesford Road - Refer to Appendix E.2		VicRoads					
		Community Information Guides	CIG developed for Korweinguboor, Blakeville & Spargo Creek area	Link	CFA					
Daylesford to Leonardshill 22KV Transmission Line - 54258	6439									
		Operations Restrictions			Powercor					
		Routine Asset Site Maintenance			Powercor					
		Powerline Hazard Tree ID, Management & Reporting			Powercor					

North Freeway / Gordon - 54046	6439									
		Strategic Fire Breaks	Springbank Rd & Moorabool West Rd - Refer to Appendix E.2		Council					
			Western Fwy - Appendix E.2		VicRoads					
		Fire Access Tracks & Roads	Inspection of tracks in area (MFPO)		Council					
		Community Information Guides	CIG developed for Gordon area	Link	CFA					
		Burn Programme	FOPS plan	Link	DELWP/FFMVic					
		Neighbourhood Safer Places - Places of Last Resort	Designated and maintained PLR -NSP at Gordo Community Hall - Main St (opposite Russell St)	Link	Council					
Morrisons - 54053	6605									
		Strategic Fire Breaks	Elaine-Morrisons Rd & Ballan-Meredith Rd - Refer to Appendix E.2		Council					
		Fire Access Tracks & Roads	Inspection of tracks in area (MFPO)		Council					
			Inspection of tracks in area		DELWP/FFMVic					
		Burn Programme	Midlands Fire Operations Plan	Link	DELWP/FFMVic					
Mount Blackwood Road - 54042	6441									
		Strategic Fire Breaks	Mt Blackwood Rd - Refer to Appendix E.2		Council					
		Fire Access Tracks & Roads	Inspection of tracks in area (MFPO)		Council					
Mount Blackwood Communications Tower - 54235	6441									
Mount Doran - 54050	6522, 6604, 6523									
		Burn Programme	Midlands Fire Operations Plan	Link	DELWP/FFMVic					
		Fire Access Tracks & Roads	Inspection of tracks in area		DELWP/FFMVic					
			Inspection of tracks in area (MFPO)		Council					
Myrniong WTP Work Station - 54055	6525									
Pentland Hills - 54052	6525									
		Strategic Fire Breaks	Western Fwy - Refer to Appendix E.2		VicRoads					
		Fire Access Tracks & Roads	Inspection of tracks in area (MFPO)		Council					
Rowsley and Glenmore - 54041	6525									
		Strategic Fire Breaks	Glenmore Rd - Refer to Appendix E.2		Council					
		Static Water Supply	Rowsley Valley		CFA					
		Fire Access Tracks & Roads	Inspection of tracks in area (MFPO)		Council					
Lady Northcote Camp YMCA - 54024	6525									
		Bushfire Preparedness Plan	Emergency Management Plan developed		Owner					
Burnbrae Lodge - 54025	6525									
		Bushfire Preparedness Plan	Emergency Management Plan developed		Owner					
Glen Park PS - 54057	6436									
		Bushfire Preparedness Plan	School Bushfire Protection Project: Bushfire attack level assessments undertaken		DET					
			Emergency and Evacuation plans in place		DET					
		Fire Plug Installation & Maintenance	Regular inspection of fire plugs		DET					
		Staff Fire Awareness Training	Evacuation Drills		DET					
Narmbool Discovery Camp and Lodge - 54030	6522									
		Bushfire Preparedness Plan	Emergency Management Plan developed		Owner					
Sunnystones Country Retreat - 54026	6526									
		Bushfire Preparedness Plan	Emergency Management Plan developed		Owner					
Ararat Rail Line - 54225	6526, 6525, 6524, 6440, 6439, 6438, 6522, 6436									
		Routine Asset Site Maintenance			Owner					
Bacchus Marsh City Gas Gate - 54206	6526									
		Routine Asset Site Maintenance			Owner					
Bacchus Marsh Gisborne Road - 54215	6526, 6442									
		Multiple Fuel Management Regime			Owner					

Asset	Code	Activity	Description	Responsible
Bacchus Marsh Airport - 54207	6526			
		Slashing Programme		Owner
BATS-BETS 220KV Transmission Line - 54212	6438			
		Routine Asset Site Maintenance	Routine patrol, mantenance & repairs of assets	SP Ausnet
		Operations Restrictions	On TFB Days - risk assessment of all contruction & maintenance works	SP Ausnet
		Bushfire Preparedness Plan	SP AusNet Integrated Response & Contingency Systems	SP Ausnet
		Powerline Hazard Tree ID, Management & Reporting	Patrol all easements, cut vegetation & maintain access tracks	SP Ausnet
		Compliance Enforcement of Legislation	Inspection & maintenance to comply with legislative requirements	SP Ausnet
BATS-TGTSTransmission Line - 54216	6436, 6520			
		Routine Asset Site Maintenance	Routine patrol, mantenance & repairs of assets	SP Ausnet
		Operations Restrictions	On TFB Days - risk assessment of all contruction & maintenance works	SP Ausnet
		Bushfire Preparedness Plan	SP AusNet Integrated Response & Contingency Systems	SP Ausnet
		Powerline Hazard Tree ID, Management & Reporting	Patrol all easements, cut vegetation & maintain access tracks	SP Ausnet
		Compliance Enforcement of Legislation	Inspection & maintenance to comply with legislative requirements	SP Ausnet
Ballarat to Bacchus Marsh 66KV Transmission Line - 54203	6526			
		Routine Asset Site Maintenance	Inspections, reporting & repairs for powerline assets in line with policies & procedures	PowerCor
		Compliance Enforcement of Legislation	Inspections & maintenance to comply with legislative requirements	PowerCor
		Bushfire Preparedness Plan	Powercor's Event Command Organisation Manual - emergency management response procedures	PowerCor
		Operations Restrictions	Powercor's TFB Day Action Plan - bushfire mitigation strategies	PowerCor
Bacchus Marsh Zone Substation - 54201	6526			
		Operations Restrictions		Owner
		Routine Asset Site Maintenance		Owner
Ballan Channel - 54252	6524, 6606			
		Routine Asset Site Maintenance		Barwon Water
Ballan Channel - 54254	6524			
		Routine Asset Site Maintenance		Barwon Water
Bolwarra Weir - 54231	6440			
		Routine Asset Site Maintenance		Barwon Water
Bostock Reservoir - 54232	6524			
		Multiple Fuel Management Regime		Barwon Water
Bostock Channel - 54251	6524			
		Routine Asset Site Maintenance		Barwon Water
Bostock Channel - 54253	6524			
		Routine Asset Site Maintenance		Barwon Water
Brooklyn to Bacchus Marsh 66KV Transmission Line - 54202	6608			
		Routine Asset Site Maintenance	Inspections, reporting & repairs for powerline assets in line with policies & procedures	PowerCor
		Compliance Enforcement of Legislation	Inspections & maintenance to comply with legislative requirements	PowerCor
		Bushfire Preparedness Plan	Powercor's Event Command Organisation Manual - emergency management response procedures	PowerCor
		Operations Restrictions	Powercor's TFB Day Action Plan - bushfire mitigation strategies	PowerCor
Daylesford to Mollinghip 22KV Transmission Line - 54257	6438			
		Routine Asset Site Maintenance	Inspections, reporting & repairs for powerline assets in line with policies & procedures	PowerCor
		Compliance Enforcement of Legislation	Inspections & maintenance to comply with legislative requirements	PowerCor
		Bushfire Preparedness Plan	Powercor's Event Command Organisation Manual - emergency management response procedures	PowerCor
		Operations Restrictions	Powercor's TFB Day Action Plan - bushfire mitigation strategies	PowerCor
Djerriwarrh Reservoir - 54236	6443			
		Multiple Fuel Management Regime		Western Water
Geelong Ballan Road - 54214	6524			
		Multiple Fuel Management Regime		Owner
		Bushfire Preparedness Plan		Owner
Geelong Rail Line - 54226	6522			
		Other Fuel Hazard Management (incl. grazing)		Owner
Korweinguboora Reservoir - 54230	6439			
		Multiple Fuel Management Regime		Barwon Water
Lal Lal WTP - 54209	6523			
		Multiple Fuel Management Regime		Owner
Merrimu Reservoir - 54237	6526			
		Multiple Fuel Management Regime		Owner
MLTS-BATS 220KV Transmission Line 1 - 54256	6522, 6604, 6605			
		Routine Asset Site Maintenance	Routine patrol, mantenance & repairs of assets	SP Ausnet
		Operations Restrictions	On TFB Days - risk assessment of all contruction & maintenance works	SP Ausnet

Asset	Codes	Activity	Description	Responsible						
		Bushfire Preparedness Plan	SP AusNet Integrated Response & Contingency Systems	SP Ausnet						
		Powerline Hazard Tree ID, Management & Reporting	Patrol all easements, cut vegetation & maintain access tracks	SP Ausnet						
		Compliance Enforcement of Legislation	Inspection & maintenance to comply with legislative requirements	SP Ausnet						
MLTS-BATS 220KV Transmission Line2 - 54255	**6522, 6520**									
		Routine Asset Site Maintenance	Routine patrol, mantenance & repairs of assets	SP Ausnet						
		Operations Restrictions	On TFB Days - risk assessment of all contruction & maintenance works	SP Ausnet						
		Bushfire Preparedness Plan	SP AusNet Integrated Response & Contingency Systems	SP Ausnet						
		Powerline Hazard Tree ID, Management & Reporting	Patrol all easements, cut vegetation & maintain access tracks	SP Ausnet						
		Compliance Enforcement of Legislation	Inspection & maintenance to comply with legislative requirements	SP Ausnet						
Myrnoing WTP - 54240	**6525**									
		Routine Asset Site Maintenance		Western Water						
Myrniong Trentham Road - 54213	**6525, 6441, 6356**									
		Multiple Fuel Management Regime		Owner						
Pykes Creek Reservoir - 54248	**6441, 6525**									
		Multiple Fuel Management Regime		Owner						
Parwan South RWP - 54249	**6526**									
		Routine Asset Site Maintenance		Western Water						
SYTS-MLTS 500KV Transmission Line 1 - 54223	**6608**									
		Routine Asset Site Maintenance	Routine patrol, mantenance & repairs of assets	SP Ausnet						
		Operations Restrictions	On TFB Days - risk assessment of all contruction & maintenance works	SP Ausnet						
		Bushfire Preparedness Plan	SP AusNet Integrated Response & Contingency Systems	SP Ausnet						
		Powerline Hazard Tree ID, Management & Reporting	Patrol all easements, cut vegetation & maintain access tracks	SP Ausnet						
		Compliance Enforcement of Legislation	Inspection & maintenance to comply with legislative requirements	SP Ausnet						
SYTS-MLTS 500KV Transmission Line 2 - 54224	**6608**									
		Routine Asset Site Maintenance	Routine patrol, mantenance & repairs of assets	SP Ausnet						
		Operations Restrictions	On TFB Days - risk assessment of all contruction & maintenance works	SP Ausnet						
		Bushfire Preparedness Plan	SP AusNet Integrated Response & Contingency Systems	SP Ausnet						
		Powerline Hazard Tree ID, Management & Reporting	Patrol all easements, cut vegetation & maintain access tracks	SP Ausnet						
		Compliance Enforcement of Legislation	Inspection & maintenance to comply with legislative requirements	SP Ausnet						
Wallace City Gas Gate - 54210	**6438**									
		Routine Asset Site Maintenance		Owner						
Western HWY - 54220	**6526, 6525, 6440, 6439, 6438**									
		Bushfire Preparedness Plan		Owner						
		Slashing Programme		Owner						
Yankee Flat Road - 54217	**6436, 6520**									
		Bushfire Preparedness Plan		Owner						
		Slashing Programme		Owner						
Hardwood Plantations - 54233	**6439**									
		Burn Programme		Owner						
		Other Fuel Hazard Management (incl. grazing)		Owner						
Softwood Plantations - 54234	**6439**									
		Burn Programme		Owner						
		Other Fuel Hazard Management (incl. grazing)		Owner						
Morrabool SWSC - 54200	**?**			Owner						
		Routine Asset Site Maintenance		Barwon Water						
Bourkes LN WPS - 54259				Western Water						
		Routine Asset Site Maintenance		Western Water						
Pentland Hills WPS - 54260				Western Water						
		Routine Asset Site Maintenance		Western Water						
Dicksons WT - 54261				Western Water						
		Routine Asset Site Maintenance		Western Water						
Underbank Basin and WPS -54262				Western Water						
		Routine Asset Site Maintenance		Western Water						
Maddingley WT - 54263				Western Water						
		Routine Asset Site Maintenance		Western Water						
Barramundi DR SPS - 54264				Western Water						
		Routine Asset Site Maintenance		Western Water						
The Avenue of Honour SPS - 54265				Western Water						
		Routine Asset Site Maintenance		Western Water						
Hopetoun Park SPS - 54266				Western Water						
		Routine Asset Site Maintenance		Western Water						
Riverview DR SPS - 54267				Western Water						
		Routine Asset Site Maintenance		Western Water						
Parwan South WT - 54268				Western Water						
		Routine Asset Site Maintenance		Western Water						
Wilkies WT - 54269				Western Water						
		Routine Asset Site Maintenance		Western Water						
Gisborne RD WT - 54270				Western Water						
		Routine Asset Site Maintenance		Western Water						
Mt Blackwood RD WT - 54271				Western Water						
		Routine Asset Site Maintenance								

Bences RD WT and WPS - 54272			Western Water					
	Routine Asset Site Maintenance							
Dodemaide CRT WT - 54273			Western Water					
	Routine Asset Site Maintenance							
Merrimu WPS - 54274			Western Water					
	Routine Asset Site Maintenance							
Long Forest RD WT and WPS - 54275			Western Water					
	Routine Asset Site Maintenance							
Possum Trail Track SPS - 54276			Western Water					
	Routine Asset Site Maintenance							
Browns WT - 54277			Western Water					
	Routine Asset Site Maintenance							
St Andrews WAY SPS - 54278			Western Water					
	Routine Asset Site Maintenance							
Swans RD WT and WPS - 54279			Western Water					
	Routine Asset Site Maintenance							
Darley High Basin and WPS - 54280			Western Water					
	Routine Asset Site Maintenance							
Darley Low Basin and WPS - 54281			Western Water					
	Routine Asset Site Maintenance							
Mt Steiglitz Ballan Clear WPS - 54282			Central Highlands Water					
St Brendan's PS - 5450597								
Bungaree PS - 5450598								
Wallace and Dist Kinder - 5450599								
Gordon PS - 5450600								
Bacchus Marsh Grammar & OSHC - 5450602								
Bacchus Marsh Montessori Preschool - 5450611								
Myrniong PS and OSHC - 5450617								
Lake Dewar loge YMCA - 5450618								
Ballan & Dist Preschool - 5450619								
St Michaels PS Springbank - 5450623								
St Mary's School - Clarkes Hill - 5450624								
Barrys Reef Camp Site - 5452046								
Werribee Gorge - 5452126								
Myrniong PS OSHC								
Pykes Creek Reservoir - 5451754								
Merrimu Reservoir - 5451755								
Pykes Creek Diversion Tunnel - 5451758								
Moorabool SWSC - 5451770								
Railway Weir - 5451949								
Lerderderg Weir - 5452306								
Goodmans Creek Diversion Weir - 5452307								
Goodmans Creek Tunnel - 5452308								
Ballan Weir - 5452309								
Lerderderg River Diversion Tunnel - 5452310								
Pykes Ck Res Wkshop Office - 5452311								
Bacchus Marsh Irrigation District Diversion - 5452312								

Merrimu Reservoir Control Room - 5452321								
Gordon Mobile Site - 5453102								
Anthonys Cutting Mobile Site - 5453103								
Pentland Hills Bridge Mobile Site - 5453104								
Lady Northcote Rec Camp - 54602	
Greystones Homestead - 54603	
Blacksmiths Cottage/shop - 54604	
House 10 Gisborne Rd - 54605	
Bacchus Marsh Express - 54606	
House 6 Gisborne Rd - 54607	
Police Station and Old Lock Up - 54608	
Bacchus Marsh Courthouse - 54609	
Millbank - 54610	
Ellerslie - 54611	
The Manor House - 54612	
Ave of Honour - 54613	
Hopetoun Catholic Cemet - 54614	
Former Leahy's Residence - 54615	
Baker House - 54616	
Wheelers Tramway - 54617	
Former Brinds Distillery - 54618	
Gordon Railway Stn - 54619	
Portland Flat Rd Bridge - 54620	
Rothbury - 54621	
Lal Lal iron mine & Smelting - 54622	
Rail Bridge and Embankment - 54623	
Aust Beam Wireless Transmitting Stn - 54624	

APPENDIX B.2 - MULTI AGENCY STRUCTURE FIRE WORK PLAN

MOORABOOL SHIRE

VFRR ASSET CLASS   **PROPOSED ASSET SUB CLASS**   **VFRR ASSET CLASS**   **PROPOSED ASSET SUB CLASS**

Human Settlement   **RESIDENTIAL**   **Economic**   **COMMERCIAL & INDUSTRIAL**

High Density
Urban
Interface Living
Rural
Short Term Accomodation

Business Centres
Shopping Centres
Industrial Complexes

PUBLIC ASSEMBLY

Entertainment & Leisure Venues
Institutions

AGRICULTURAL & FARMING

Agricultural & Farming

HEALTHCARE

Hospitals
Nursing Homes
Special Accomodation
Day Care Centres
Hostels/Hospices

TRANSPORT

Road
Rail
Marine
Air

Environmental

Eco Tourism Venues
Flora Parks & Reserves
Fauna Parks & Reserves

Cultural Heritage

Indigenous Structures
Heritage Listed Structures
Locally Significant Structures

DESCRIPTION & ASSET ID NUMBER	DELIVERABLE MULTI AGENCY TREATMENTS	DETAIL	RESPONSIBLE AGENCY	TREATMENT DELIVER YEARS MARKD WITH X									COMMENTS
				2017-18	COMPLETED Y/N	ADJUSTMENT NEEDED Y/N	2018-19	COMPLETED Y/N	ADJUSTMENT NEEDED Y/N	2019-2020	COMPLETED Y/N	ADJUSTMENT NEEDED Y/N	
Municipal Wide	Check the status of fire prevention/ emergency management plans for Council owned and other buildings and assist managers/trustees to prepare and maintain emergency management plans.		Council/CFA										
	Conduct fire safety inspections of high risk buildings, as identified by MFPC, CFA or MBS to address life safety issues and maintenance of essential services.		Council										
	Implement Community Safety Winter campaign.		CFA										
	Inspect fire hydrants regularly to ensure their serviceability.		CFA										
	Implement the provisions of the Wildfire Management Overlay in the Moorabool Shire Planning Scheme when assessing planning applications.		Council										
	Review the WMO in the Moorabool Shire Planning Scheme.		Council										
	Provide regular inspections of Caravan Parks and support Park owners and managers to complete Emergency Management Plans and promote fire safety.		Council										
	Community Education through a combination of media campaigns, signage and programs such as Isolated Elderly, Home Fire Safety, Fire Ready Victoria to achieve fire prevention, preparedness for structure fires and wildfires. Special focus to include farming practices, rural life stylers and weekenders. This includes provision of "On the land" booklets to new residents.		Council/CFA										
	Promote the use and maintenance of smoke alarms.		CFA										
	Provide advice to requests for assistance on Emergency Management Planning and fire safety matters.		CFA										

APPENDIX B.3 - MULTI AGENCY HAZARDOUS MATERIALS WORK PLAN

MOORABOOL SHIRE

VFRR ASSET CLASS   **PROPOSED ASSET SUB CLASS**

Human Settlement

Residential
Public Assembly
Health Care

Economic   **COMMERCIAL & INDUSTRIAL**

Business Centres
Shopping Centres
Industrial Complexes

AGRICULTURAL & FARMING

Agricultural & Farming

TRANSPORT

Road
Rail
Marine
Air

Environmental

Fauna
Flora
Land
Marine

Cultural Heritage

Illegal Laboratories
Cultural Practices

DESCRIPTION & ASSET ID NUMBER	DELIVERABLE MULTI AGENCY TREATMENTS	DETAIL	RESPONSIBLE AGENCY	2017-18	COMPLETED Y/N	ADJUSTMENT NEEDED Y/N	2018-19	COMPLETED Y/N	ADJUSTMENT NEEDED Y/N	2019-20	COMPLETED Y/N	ADJUSTMENT NEEDED Y/N	COMMENTS
				TREATMENT DELIVER YEARS MARKD WITH X										
Municipal Wide	Provide advice on fire safety and emergency management as required under the Dangerous Goods Regulations 2011.		CFA										

Statutory Audit Obligations

C.1 Hazard Trees Identification and Notification Procedures

Appendix C.1 - Hazard Trees Identification and Notification Procedures

Procedures for Identification and Notification of Hazard Trees

Section 86 B of the *Electricity Safety Act 1998* (Victoria) (ES Act) provides that a council must identify within its Municipal Fire Prevention Plan: procedures for the identification of trees that are hazardous to electric lines, specifying:

(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 Municipal Fire Management Plan 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, including keeping the whole or any part of a tree clear of the line, is the responsible person.

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, the Department of Environment Land Water and Planning and VicRoads.

Municipal councils are responsible for trees on public land within their municipalities, for which they are the land manager, where these are also within a Declared Area for the purposes of the ES Act. Primary responsibility for vegetation clearance and management within the municipality, for areas which are not within a Declared Area, will usually fall to the relevant electricity distribution company

Responsible Persons within the Moorabool Shire Council

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

- Powercor

- VicRoads

- Moorabool Shire Council

There is only one electricity distribution business in the Moorabool Shire Council and Bacchus Marsh which is a Declared Area under Section 81 of the ES Act that is the responsibility of the Council.

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 Identification of Hazard Trees

In the course of everyday duties, potentially hazardous trees may come to the attention of 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; or

- 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 Notification of 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 person with responsibility for the highest percentage of lines within the municipality (**the primary responsible person**) is Powercor and therefore the person to whom potentially hazardous trees should be reported.

- Where any person becomes aware of, or receives a report of, a potentially hazardous tree within the municipality, this should be referred to Powercor. Where the Committee becomes aware of, or receives a report of, a potentially hazardous tree within the municipality, this must be referred to Powercor.

- Reports of potentially hazardous trees must be provided to Powercor 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 (including, the tree is in proximity to an electric line **and** there is evidence of structural weakness, excessive lean, appears to be encroaching into line clearance space etc.); and

  - An indication of whether or not urgent action is required.

- Powercor 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

For the purposes of this part of the Plan, the primary responsible person is Powercor. Contact details for Powercor are listed below:

Agency name	**Powercor**
Position title of contact person	**Hazard Tree Coordinator**
Municipal Hazard Tree Notification Form (click on link)	**https://www.powercor.com.au/media/1214/council-tree-hazard-notification-form-2011b.pdf**
Telephone Number	**5338 3300** (Powercor's Contractor)
Email Address	**vegtech@powercor.com.au** (Powercor's Contractor)
After Hours Number	**13 2412 Powercor 131280 Citipower**

All reporting of Hazardous trees should be directed to Powercor, as the Primary Responsible Person, in the first instance.

The Moorabool Shire Council's Manager Operations will be contacted by Powercor should it be determined that the required works are to be carried out by Council. Contact details for the Moorabool Shire Council's Manager Operations are:

Agency name	**Moorabool Shire Council**
Position title of contact person	**Manager Operations**
Telephone Number	**5366 7100**
Email Address	**info@moorabool.vic.gov.au**
After Hours Number	**0419 887 065**

Procedures for Notification of Responsible Persons

Where a potentially hazardous tree has been reported to Powercor or another responsible person, the procedure outlined below should be followed.
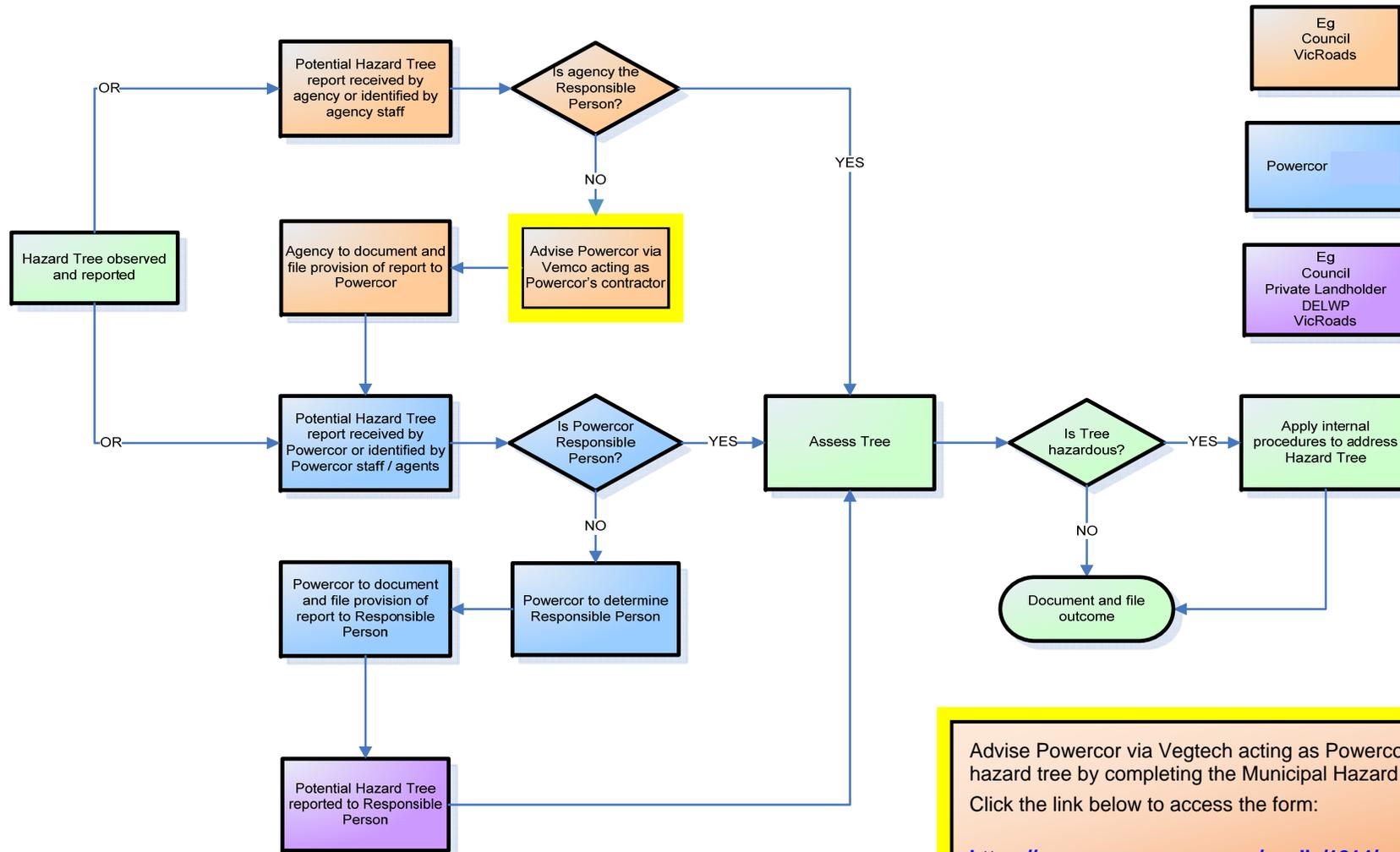
Eg
Council
VicRoads

Powercor

Eg
Council
Private Landholder
DELWP
VicRoads

Flowchart elements:

- Hazard Tree observed and reported
- OR → Potential Hazard Tree report received by agency or identified by agency staff
- Is agency the Responsible Person?
  - NO → Advise Powercor via Vemco acting as Powercor's contractor → Agency to document and file provision of report to Powercor
  - YES → Assess Tree
- OR → Potential Hazard Tree report received by Powercor or identified by Powercor staff / agents
- Is Powercor Responsible Person?
  - YES → Assess Tree
  - NO → Powercor to determine Responsible Person → Powercor to document and file provision of report to Responsible Person → Potential Hazard Tree reported to Responsible Person
- Assess Tree → Is Tree hazardous?
  - YES → Apply internal procedures to address Hazard Tree → Document and file outcome
  - NO → Document and file outcome

Advise Powercor via Vegtech acting as Powercor's contractor of a potential hazard tree by completing the Municipal Hazard Tree Notification Form.

Click the link below to access the form:

https://www.powercor.com.au/media/1214/council-tree-hazard-notification-form-2011b.pdf

Reporting

Powercor 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.

Reporting Timelines

Powercor 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 Section 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*; 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 Powercor with contact details of the person (position title) to whom reports should be provided. It is the responsibility of each responsible person to ensure that Powercor is provided with up-to-date contact details.

Register

It is recommended that Powercor maintain a register in which all notifications are recorded together with the date of receipt of the notification, and when applicable 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 Powercor as the Primary Responsible Person was consulted in relation to the development of these procedures.

C.2 Community Information Guides

Moorabool Shire

Legend

NSP-PLR
CIG Map Extents
LGA Boundaries

Roadways

Freeways
Highways
Arterial Sealed
Arterial Unsealed
Local Sealed
Local Unsealed
Roads 2WD
Roads 4WD
Proposed Roads

N

This map has been produced in the Grampians Region
Date Prepared: 27/05/2013

0 1 2   4   6   8
Kilometers

MACEDON RANGES
HEPBURN
BALLARAT
MOORABOOL
MELTON
WYNDHAM
GREATER GEELONG
GOLDEN PLAINS

Clunes
Smeaton
Dean
Creswick
Creswick Visitor Information Centre Car Park (behind the building)
Hepburn Springs
Hepburn Recreation Reserve (Laurie Sullivan Reserve) Netball Pavilion
Daylesford
Central Business District Pavement Areas
Trentham
Trentham Central Business District
Blackwood
Bullato South
Korweinguboora
Wendouree
Invermay / Nerrina
Ballarat Central
Ballarat Central Business District
Residential Parkland
Sebastopol
Mt Clear / Mt Helen
Midvale Shopping Centre Car Park
Glen Park
Brown Hill
Invermay Recreation Reserve Grassed area between car park and oval
Warrenheip
BunInyong
Bunmyong Central Business District
Napoleons / Enfield
Dereel
Greendale
Egans Reserve
Myrniong
Ballan
Gordon
Community Hall
Mount Egerton
Lal Lal
Clarendon
Meredith
Beremboke
Anakie
Steiglitz
Maude
Little River
Eynesbury
Melton
Toolern Vale
MacPherson Park Recreation Reserve Oval 1
Long Forest
Hopetoun Park
Parwan
Bacchus Marsh
Darley
Darley Civic and Community Hub (Former Secondary School Campus) Oval
Coimadai
Bullengarook
New Gisborne
Gisborne
Woodend
Buffalo Stadium
Tony Clarke Reserve Macedon Community Centre
Mt Macedon
Macedon

Currently there are eleven CIG's in the Moorabool Shire. The Municipality and CFA have a shared responsibility for the declaration and review of these CIG's.

Moorabool Shire Community Information Guides	
Township/Suburb	**Responsible Agencies**
Blackwood	Moorabool Shire / CFA
Greendale and Dales Creek	Moorabool Shire / CFA
Beremboke and Mount Wallace	Moorabool Shire / CFA
Coimadai	Moorabool Shire / CFA
Darley	Moorabool Shire / CFA
Gordon	Moorabool Shire / CFA
Korweinguboora / Spargo Creek / Blakeville	Moorabool Shire / CFA
Lal Lal	Moorabool Shire / CFA
Long Forest	Moorabool Shire / CFA
Mount Egerton	Moorabool Shire / CFA
Myrniong	Moorabool Shire / CFA

Currently there are two cross boundary CIG's within the Moorabool Municipality.

Moorabool Shire Cross Boundary Community Information Guides		
Township/Suburb	**Responsible Agencies**	**Cross Boarder Municipality**
Korweinguboora	Moorabool Shire / CFA	Hepburn Shire
Glen Park and Brown Hill	City of Ballarat / CFA	City of Ballarat

For specific details on Community Information Guides, please refer to the CFA website listed below.

http://www.cfa.vic.gov.au/plan-prepare/community-information-guides/

Local Emergency Planning Factors are an internal CFA working document. These documents contain information provided solely for the purpose of assisting the fire agency Incident Controller and supporting agencies. Information contained in these documents is not to be copied or provided to any other person.

Statutory Audit Obligations

C.3 Neighbourhood Safer Places – Places of Last Resort

Moorabool Shire Neighbourhood Safer Places – Places of Last Resort		
Township/Suburb	**Street**	**Location**
Gordon	Main Street (opposite Russell Street)	Community Hall
Greendale	Greendale-Ballan Road (entry via Bradys Lane)	Egans Reserve
Darley	Wittick Street (opposite Lewis Street) Darley 3340	Darley Civic & Community Hub Oval

For a locality reference of the NSP-PLR in the Moorabool Shire refer to the CFA'S website;

http://www.saferplaces.cfa.vic.gov.au/cfa/search/default.htm

C.4 Community Fire Refuges

Municipality	Township	Name	Location	Address
Moorabool	Blackwood	Blackwood Community Fire Refuge	Blackwood Country Fire Authority (CFA) Fire Station	2 Terrill Street, Blackwood

Engagement and Communications Strategy
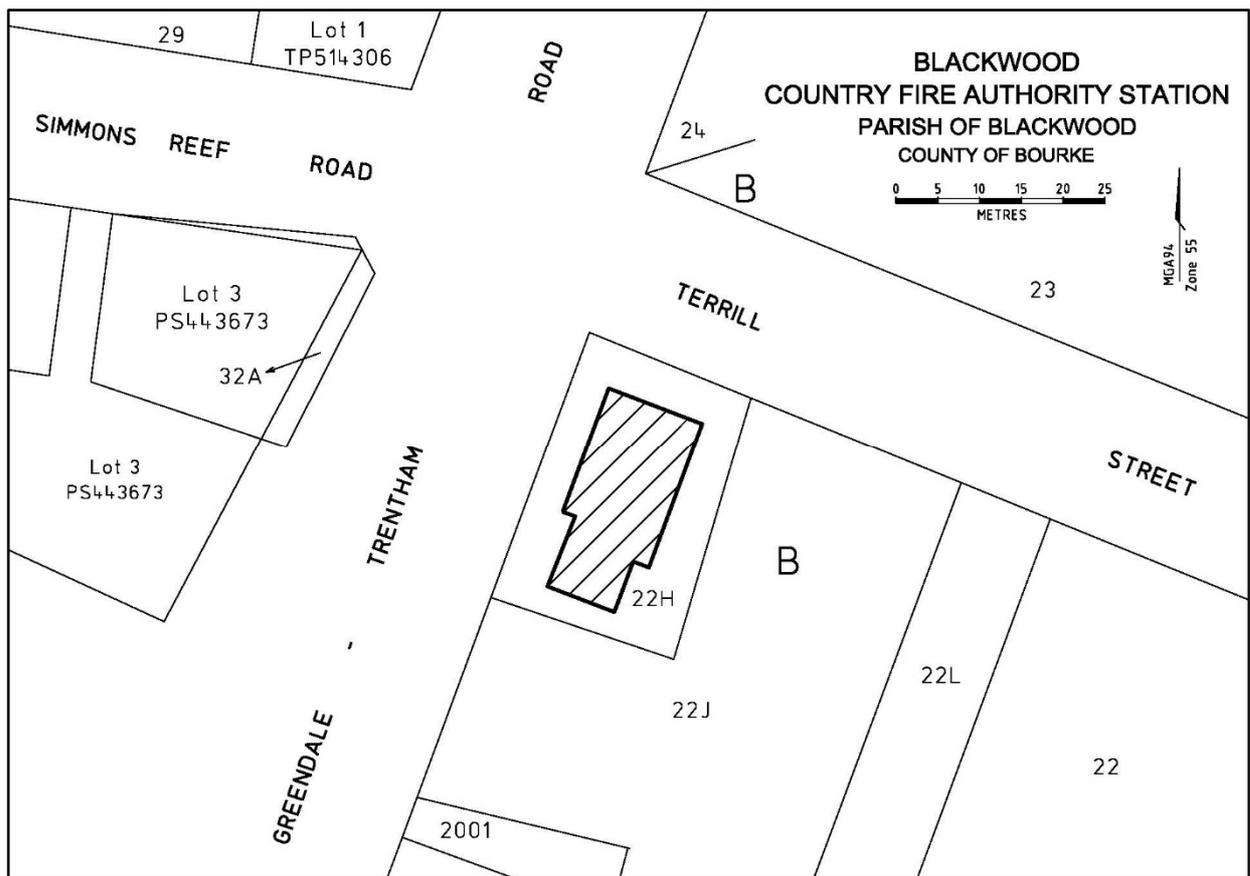
Appendix D: Engagement and Communications Strategy

Development Moorabool Shire Municipal Fire Management Plan (MFMP)

1. Executive Summary

The Moorabool Shire Municipal Fire Management Planning Committee, responsible for developing the Plan, is committed to consulting with stakeholders and the community to develop and further inform the MFMP.

Valuing local knowledge and recognising the unique contribution communities and stakeholders can make to the MFMP guides the development of the Plan.

Effective community engagement and education is essential if the vision for the future of fire management in Victoria is to be achieved. This will occur through:
- active participation of community, the fire management sector and government, collaboratively working and planning together to reduce the destructive impact of fire on communities and the environment;
- communities that have greater resilience to the effects of fire;
- greater understanding of the fire sector within the community; and
- healthy, natural, social, built and economic environments.

The key principles guiding the communications and engagement strategy are transparency, openness and collaboration.

The opportunity to align fire planning consultation by key organisations including Country Fire Authority, Moorabool Shire, Victoria Police and the Department of Environment Land, Water and Planning is a key objective of the process.

1.1 Stakeholder Consultation
Stakeholders involved in fire management planning in the Moorabool Shire have been widely consulted and engaged throughout the planning and development of the MFMP. This is demonstrated through membership of the Municipal Fire Management Planning Committee and at a regional level through the Regional Strategic Fire Management Planning Committee.

1.2 Community Engagement
Community engagement is a high priority for all levels of government. Undertaking effective community engagement is critical to assisting agencies and communities to better plan, prepare, respond and recover from bushfires.

1.3 Communications
An extensive communications plan was developed and undertaken when developing the 2017-2020 Plan.

2. Strategic Engagement Framework

The MFMP consultation project team has adopted the best practice International Association of Public Participation (IAP2) Framework to guide its engagement activities.

The process involves analysing the key stakeholders and communities and determining their level of participation in the project to achieve best outcomes. The IAP2 model also guided the development of the Regional Strategic Fire Management Plan.

The IAP2 framework identifies five levels for engagement (on a sliding scale):

Increasing levels of public participation →

	Inform	Consult	Involve	Collaborate	Empower
Who (Full list of stakeholders page 7)	General community	Residents and business owners in high-risk fire areas and special interest groups	CFA Brigades& Volunteers	Organisations who have informed development of MFMP	Organisations who are responsible for MFMP. Members of MFMPC & RSFMPC
Engagement objective	To ensure MFMP engagement process assists in educating community about risk of bushfire	To seek and ensure local knowledge is captured and considered for inclusion in MFMP.	To gain input and shape MFMP and approach to community engagement	To gain stakeholder support for MFMP and identify cross communications and engagement opportunities with their respective stakeholders	To secure support and commitment for organisations to resource and participate in community engagement program
Promise to the stakeholder/ community	We will keep you informed	We will keep you informed, listen to and acknowledge concerns and aspirations and provide feedback on how public input influenced the decision	We will work with you to ensure that your concerns and aspirations are directly reflected in the alternatives developed, and provide feedback on how public input influenced the decision	We will work with you for advice and innovation in formulating solutions and incorporate your advice and recommendations into the decisions to the maximum extent possible	We will implement what you decide
Tools	1. Media 2. Electronic communications 3. Posters	4. Community Information Sessions 5. Stakeholder Briefings 6. Online engagement 7. Promotion through existing channels	8. Workshops/ Presentations with CFA Brigades	9. Direct email for comment on MFMP	10. One-on-one consultation 11. Formal reporting

2.1 Approach to Stakeholder Engagement

A strategic approach to managing stakeholder engagement has been 'in action' since the establishment of the Integrated Fire Management Framework. This is evidenced by the formation of the following committees:

- State Fire Management Planning Committee

- Regional Strategic Fire Management Planning Committee

- Municipal Fire Management Planning Committee.

Membership of each committee was carefully considered to ensure that effective **collaboration** could be achieved throughout the development of respective fire management plans.

This means these stakeholders have been involved in each aspect of the decision making process, including the development of alternatives, identification of assets and the prioritisation of actions with a clear understanding of the responsibilities of each stakeholder.

This strategy outlines how engagement with key stakeholders will be maintained at an INVOLVE and COLLABORATE level.

It is the intent of this strategy to enhance the engagement process.

2.2 Approach to Community Engagement

The MFMP development requires a significant level of community engagement if it is to genuinely consult with the community and initiate feedback that is meaningful to the process.

To achieve this outcome the appropriate level of engagement is CONSULT (to listen and obtain community feedback about the MFMP and TPP).

This commitment to consultation has meant that all agencies represented in MFMP will support the community consultation program and ensure that community concerns are understood and appropriately considered.

3. Engagement Aims & Objectives

3.1 Aim

Support the development of the Moorabool Shire Municipal Fire Management Plan through effective community and stakeholder engagement, ensuring local knowledge is captured and considered for inclusion in the MFMP.

3.2 Objectives

- To identify and provide meaningful engagement opportunities for community and stakeholders to understand and provide informed feedback about the MFMP.
- To provide clear, timely and relevant information to the community and stakeholders about the MFMP.
- To generate interest and attendance at community engagement events and stakeholder briefing.
- To align (where possible) consultation activities between key agencies including the Country Fire Authority, Victoria Police and Department of Environment Land Water and Planning.

3.3 Scope of Consultation

An extensive planning process using highly technical and consistent assessment models has been collaboratively undertaken using the combined expertise of fire agency personnel, to develop the MFMP.

Issues pertaining to risk assessment standards and process, government policy and legislation and government position on fire safety initiatives are not within the scope of this consultation project.

4. Positioning and Key Messages

4.1 Project Positioning:

Moorabool Shire Municipal Fire Management Plan 2017 – 2020
A collaborative approach to fire planning

4.2 Key Messages

About the MFMP Process:

- The MFMP outlines how all organisations responsible for fire planning and management in the region are working together to identify, mitigate and reduce the destructive impact of fire on our communities and environment.

- Capturing practical local knowledge is critical to the development of the MFMP.

- We are committed to listening to the community and invite feedback on the MFMP. Have we missed anything?

- How we plan, prepare, respond and recover to bushfire requires a collaborative approach by all levels of government, industry and the community.

About the risk of fire

- The risk of bushfire is real for many Victorian communities.

- You are responsible for understanding your risk of bushfire and what you can do to mitigate the risk.

- Prepare a bushfire survival plan.

- Every individual is responsible for knowing what to do and where to go in case of bushfire.

- Prepare, Act, Survive

4.3 Key engagement questions

The key questions for stakeholders and community are:

Your local knowledge is important to us – have we missed anything?
How can we help you better prepare for bushfire?

5. Key Stakeholders & Communities

The table below lists the Stakeholders who contributed and were consulted in the development of the Moorabool Shire MFMP.

MFMP Committee Members	MFMP contributors
Moorabool Shire **CFA** **Central Highlands Water** **DELWP** **Western Water** **VicRoads**	DHHS SES Parks Victoria Victoria Police Barwon Water Powercor DET DEDJTR SP Ausnet Telstra V Line VicTrack

The following table outlines key stakeholders and communities who were targeted through the MFMP consultation program.

	Inform	Consult	Involve	Collaborate	Empower
Who	General community	Residents and business owners in high-risk areas: Blackwood Greendale/Dales Creek Beremboke/Mount Wallace Coimadai Darley Gordon Korweinguboora/ Spargo Creek/ Blakeville Lal Lal Long Forest Mount Egerton Myrniong Special interest groups: Agricultural Tourism and regional development Members of Parliament Environmental and Landcare Groups Community Groups	CFA Brigades & Volunteers	Organisations who have contributed to MFMP: Central Highlands Water Barwon Water Powercor DEDJTR Plantation Industry SPAusnet Telstra Vline VicTrack ARTC	Members of the MFMPC& RSFMPC: Moorabool Shire CFA DELWP DET DEDJTR Water authorities Vic Roads Victoria Police Victoria SES DHHS Parks Victoria Vic Roads Other municipal specific stakeholders

Maps

Refer to individual appendix E documents as listed below:

Appendix E.1   Municipality Map

Appendix E.2   Strategic Fire Breaks Map and Table

Appendix E.2/3 Community Fire Refuge Roads

Appendix E. 2/4 Fire Access Tracks

Moorabool Shire

Legend

NSP - PLR
TPP Extents
VFRR - Human Settlemen
LGA Boundary

Strategic Fire Breaks

— Priority Egress Access Roads
— CFA Brigade Fire Prevention Works
— Strategic Fire Suppression Lines
— Fire Control Lines

Roadways

— Freeways
— Highways
— Arterial Sealed
— Arterial Unsealed
— Local Sealed
— Local Unsealed
— Roads 2WD
— Roads 4WD
— Proposed Roads

DSE - FOP

2011/2012
2012/2013
2013/2014
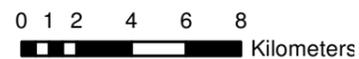
This map has been produced in the Grampians Region

0 1 2 4 6 8 Kilometers

N

Fire Management Planning

Legend:

— Priority Access Egress Roads

— Strategic Fire Suppression Roads

— Fire Control Line Roads

— CFA Roadside Fire Prevention Works
(Environmental Burns)

— CFA Roadside Fire Prevention Works
(Burns)

⬡ Localities

PRIORITIES AND STRATEGIES
IDENTIFICATION AND PREPARATION OF STRATEGIC FIRE SUPPRESSION

PRIORITY ACCESS EGRESS ROADS (Indicated in PINK on map)

ROAD	Action	Responsible Authority	Treatment
Ballan - Daylesford Rd (S. Conroy Lane to Shire Boundary)	Works in accordance with VicRoads Road Fire Risk Assessment Guidelines	VicRoads	Works in accordance with VicRoads Road Fire Risk Assessment Guidelines
Camerons Road	Tree maintenance / Slashing	MSC Road Maintenance Plan	Trimming back for safety clearance
Myrniong - Trentham Road (Greendale to Blackwood)	Works in accordance with VicRoads Road Fire Risk Assessment Guidelines	VicRoads	Works in accordance with VicRoads Road Fire Risk Assessment Guidelines
Myrniong - Trentham Road (Greendale to Shuters Avenue)	Works in accordance with VicRoads Road Fire Risk Assessment Guidelines	VicRoads	Works in accordance with VicRoads Road Fire Risk Assessment Guidelines
Long Forest Road	Tree maintenance	MSC Road Maintenance Plan	Trimming back for safety clearance
Russells Road	Tree maintenance / Slashing	MSC Road Maintenance Plan	Trimming back for safety clearance
Seerey's Track	Tree maintenance / Slashing	MSC Road Maintenance Plan	Trimming back for safety clearance
Blakeville Road	Tree maintenance	MSC	Arborist inspection and associated works to be undertaken triannually commencing in 2013 – completed June 2017

STRATEGIC FIRE SUPPRESSION ROADS

The following strategic firebreaks shall be developed and/or maintained throughout the shire (Indicated in BLUE on the map):

ROAD	From	To	Action	Responsible Authority	Treatment
Bacchus Marsh – Balliang Road	McCormacks Road	Shire Boundary (Wyndham)	Slashing	MSC	Full width where practicable
Bacchus Marsh - Geelong Road	Tilleys Road Bridge	Sharkeys Road (Shire Boundary)	Slashing	VicRoads	Full width where practicable
Bacchus Marsh - Gisborne Road	Lerderderg Gorge Road	Shire Boundary (Macedon Ranges)	Slashing	VicRoads	Full width where practicable
Ballan - Daylesford Road	Western Freeway Ballan	S Conroy Lane	Slashing	VicRoads	Full width where practicable
Ballan - Greendale Road	Western Freeway	High Street	Slashing	MSC	Full width where practicable
Ballarat - Daylesford Road	Shire Boundary (Ballarat)	Shire Boundary (Hepburn)	Slashing	VicRoads	Full width where practicable
Boundary Road	Bamganie Road	Midland Highway	Slashing	MSC	Full width where practicable
Blakeville Road	Ballan-Greendale Road	Georges Lane	Slashing	MSC	Full width where practicable
Brisbane Road	Bacchus Marsh – Balliang Road	Brisbane Ranges	Slashing	MSC	Full width where practicable
Bungaree - Creswick Road	Western Freeway	Shire Boundary (Hepburn)	Slashing	Vic Roads	Full width where practicable
Corbetts Road	Old Western Highway	Cartons Road	Slashing	MSC	Full width where practicable

ROAD	From	To	Action	Responsible Authority	Treatment
Denherts Road	Moorabool West Road	Ballan-Daylesford Road	Slashing	MSC	Full width where practicable
Diggers Rest – Coimadai Road	Gisborne Road	Shire Boundary (Melton)	Slashing	Vicroads	Full width where practicable
Elaine – Morrisons Road-	Elaine-Egerton Road	Morrisons Fire Station	Slashing	MSC	Full width where practicable
Geelong - Ballan Road	Western Freeway	Lennoxs Lane	Slashing	VicRoads	Full width where practicable
Glenmore Road	Spring Creek (Yaloak Vale)	Bacchus Marsh – Balliang Road	Slashing (if no environmental burn undertaken)	MSC	Full width where practicable (if no environmental burn undertaken) as confirmed at December 2012
Gordon – Egerton Road	Nightingale Street Gordon	Malones Road Mt Egerton	Slashing	MSC	Full width where practicable
Myrniong - Trentham Road	Ballan-Greendale Road	Pykes Creek Road	Slashing	VicRoads	Full width where practicable
High Street (Prince Stree)	Ballan-Greendale Road	Wombat State Forest boundary	Slashing	VicRoads	Full width where practicable
Midland Highway	Yendon No. 2 Road	Shire Boundary (Golden Plains)	Slashing	VicRoads	Full width where practicable
Moorabool West Road	Old Corbetts Road	Vinecombes Road	Slashing	MSC	Full width where practicable
Mt Wallace – Ballark Rd	Ballan-Meredith Road	Bungeeltap South Road	Slashing	MSC	Full width where practicable
Mt. Blackwood Road	Old Western Highway	Greendale-Trentham Road	Slashing	MSC	Full width where practicable

ROAD	From	To	Action	Responsible Authority	Treatment
Old Melbourne Road –	Dunnstown-Yendon Road	Lesters Road	Slashing	MSC	Full width where practicable
Old Melbourne Road	Dunnstown-Yendon Road	Kilarney Road	Slashing	MSC	Full width where practicable
Springbank Road	Bungaree-Creswick Road	Old Corbetts Road	Slashing	MSC	Full width where practicable
Stone Hut Lane (including Western Park Road)	Ballan-Daylesford Road	Western Park Road	Slashing	MSC	Full width where practicable
Western Freeway - Melton to Ballarat	Shire Boundary (Melton)	Shire Boundary (Ballarat)	Slashing	VicRoads	Full width where practicable
Western Park Road	Blakeville Road	Stonehut Lane	Slashing	MSC	Full width where practicable
Yendon – Egerton Road	Yendon-Lal Lal Road (rail crossing)	Ballan-Egerton Road	Slashing	MSC	Full width where practicable
Guillines Road	Kerrs Road	Rowsley-Station Rd	Slashing	MSC	Full width where practicable
Kerrs Road	East Maddingley Rd	Guillines Rd	Slashing	MSC	Full width where practicable

FIRE CONTROL LINE ROADS (indicated in GREEN on map)

ROAD	TO	FROM	TREATMENT
Acacia Avenue, Dales Creek	Dales Creek Avenue	Messmate Street	2.1 metre Roadside Maintenance Cut)
(Bacchus Marsh – Werribee Road) (from Geelong-Bacchus Marsh Rd to Shire Boundary) (VICROADS)	Geelong-Bacchus Marsh Road	Shire Boundary (Wyndham)	2.1 metre Roadside Maintenance Cut (Environmental Burn Golden Sun Moth)
Ballan-Egerton Road	Yendon-Egerton Road	Geelong-Ballan Road	2.1 metre Roadside Maintenance Cut
Old Melbourne Road	Gordon Cemetery	Geelong-Ballan Road	2.1 metre Roadside Maintenance Cut
Ballan - Meredith Road (Ballan Egerton Rd to Bungeeltap Sth Rd)	Ballan-Egerton Road	Bungeeltap South Road	2.1 metre Roadside Maintenance Cut (Environmental Burn)
Bences Road	Diggers Rest Road	end	2.1 metre Roadside Maintenance Cut
Britts-Howards Road	Old Melbourne Road	Torpys Road	2.1 metre Roadside Maintenance Cut
Buckleys Road	Gisborne Road	Bences Road	2.1 metre Roadside Maintenance Cut
Bungaree-Wallace Road (VICROADS)	Western Freeway	Ormond Road	2.1 metre Roadside Maintenance Cut
Bungeeltap South Road	Ballan-Meredith Road	Mt Wallace-Ballark Road	2.1 metre Roadside Maintenance Cut and maintain break with spray – Environmental Burn
Cowans Drive, Dales Creek	Dales Creek Avenue	141 Cowans Drive	2.1 metre Roadside Maintenance Cut
Cummings Road	Geelong-Bacchus Marsh Road	Aerodrome Road	2.1 metre Roadside Maintenance Cut
Dales Creek Avenue, Dales Creek	Greendale-Trentham Road	115 Dales Creek Ave	2.1 metre Roadside Maintenance Cut
Dog Trap Gully Road	Ironbark Road	Glenmore Road	2.1 metre Roadside Maintenance Cut
Egerton – Ballark Road (from Fergusons Lane to Egerton Bungeeltap Road)	Egerton-Bungeeltap Road	Fergusons Lane	2.1 metre Roadside Maintenance Cut and maintain break for Environmental Burn
Elaine – Blue Bridge Road, Mt Doran	Midland Highway	Clarendon-Bluebridge Road	2.1 metre Roadside Maintenance Cut
Elaine – Mt Mercer Road	Midland Highway	Meredith-Mt Mercer Road	2.1 metre Roadside Maintenance Cut
Elaine - Egerton Road	Midland Highway	Angees Road	2.1 metre Roadside Maintenance Cut
Footes Lane	Bacchus Marsh-Balliang Road	End	2.1 metre Roadside Maintenance Cut

Garrards Lane	Western Freeway	End	2.1 metre Roadside Maintenance Cut
Geelong-Ballan Road **(VICROADS)**	Lennoxs Lane	Shire Boundary (Golden Plains)	2.1 metre Roadside Maintenance Cut
Glenmore Road	Geelong-Ballan Road	Spring Creek (Yaloak Vale)	2.1 metre Roadside Maintenance Cut and maintain break for Environmental Burn
Glenmore Road	Bacchus Marsh-Balliang Road	Geelong-Bacchus Marsh Road	2.1 metre Roadside Maintenance Cut and maintain break for Environmental Burn
Grace Road	Martin Street	Greendale-Trentham Road	2.1 metre Roadside Maintenance Cut
Greendale-Trentham Road **(VICROADS)**	Blackwood Township	Shire Boundary (Hepburn)	2.1 metre Roadside Maintenance Cut
Horsehill Road	Midland Highway	Narmbool Road	2.1 metre Roadside Maintenance Cut
Horsehill Road South	Narmbool Road	Elaine-Mt Mercer Road	
Ingliston Road (from Ballan township to Settlement Road)	Old Melbourne Road	Ingliston-Settlement Road	2.1 metre Roadside Maintenance Cut for Environmental Burn
Jensz Road	Aerodrome Road	Glenmore Road	2.1 metre Roadside Maintenance Cut
Lerderderg Gorge Road	Gisborne Road	McKenzie Falls carpark	2.1 metre Roadside Maintenance Cut
Long Point Road	Mt Blackwood Road	Smiths Lane	2.1 metre Roadside Maintenance Cut
Martin Street, Blackwood	Greendale-Trentham Road	Grace Road	2.1 metre Roadside Maintenance Cut
Morrison Lane	Mt Blackwood Road	Myrniong-Korobeit Road	2.1 metre Roadside Maintenance Cut
Mt Wallace – Ballark Road	Bungeeltap South Road	Geelong-Ballan Road	2.1 metre Roadside Maintenance Cut
Muirs Lane	Morrisons Lane	Mt Blackwood Road	2.1 metre Roadside Maintenance Cut
Murphys Road	Midland Highway	Elaine-Bluebridge Road	2.1 metre Roadside Maintenance Cut
Myrniong-Korobeit Road	Old Western Freeway	Greendale - Myrniong Road	2.1 metre Roadside Maintenance Cut
Nerowie Road (to Nortons Road)	Geelong-Bacchus Marsh Road	Nortons Road	2.1 metre Roadside Maintenance Cut for Environmental Burn
Old Geelong Road, Ballan	Inglis Street	Geelong-Ballan Road intersection	2.1 metre Roadside Maintenance Cut
Old Western Highway, Myrniong	Muddy Lane	Western Freeway	
Old Western Highway, Myrniong	Greendale-Trentham Road	Myrniong-Korobeit Road	2.1 metre Roadside Maintenance Cut
Old Western Highway, Gordon	Main Street (Gordon Hotel)	Butter Factory Road	2.1 metre Roadside Maintenance Cut

Ormond Road	Western Freeway	Barkstead Road	2.1 metre Roadside Maintenance Cut
Paces lane	Dog Trap Gully Road	Bacchus Marsh-Balliang Road	2.1 metre Roadside Maintenance Cut
Parwan South Road	Parwon-Exford Road	Nerowie Road	2.1 metre Roadside Maintenance Cut
Parwan-Exford Road	Geelong-Bacchus Marsh Road	Shire Boundary (Melton)	2.1 metre Roadside Maintenance Cut
Pattinson Lane	Myrniong-Korobeit Road	Mt Blackwood Road	2.1 metre Roadside Maintenance Cut
Pine Court, Dales Creek	Off Dales Creek Avenue	end	2.1 metre Roadside Maintenance Cut
Portland Flat Road	Gordon-Egerton Road	Old Melbourne Road	2.1 metre Roadside Maintenance Cut
Purcells Lane	Mt Blackwood Road	Long Point Road	2.1 metre Roadside Maintenance Cut
Ralstons Road	Bungaree-Creswick Road	Shire Boundary (Longs Hill Road)	2.1 metre Roadside Maintenance Cut
Settlement Road, Mt Doran	Clarendon-Blue Bridge Road	Midland Highway	2.1 metre Roadside Maintenance Cut
Swans Road	Links Road	Lerderderg State Park	2.1 metre Roadside Maintenance Cut
Ti Tree Road	Tennis Court Road	Dunnstown-Yendon Road	2.1 metre Roadside Maintenance Cut
Wells Road	O'Connell Street	Lerderderg Park Road	2.1 metre Roadside Maintenance Cut
Yankee Flat Road	Ballarat-Navigators Road	Yendon No. 1 Road	2.1 metre Roadside Maintenance Cut
Yendon – Lal Lal Road	Yendon-Egerton Road	Lal Lal Falls Road	2.1 metre Roadside Maintenance Cut
Yendon No. 2 Road	Midland Highway Shire Boundary	Yendon-Lal Lal Road	2.1 metre Roadside Maintenance Cut
East Maddingley Road	Tilleys Road	Kerrs Road	2.1 metre Roadside Maintenance Cut
Tilleys Road	Geelong BMarsh Road	East Maddingley	2.1 metre Roadside Maintenance Cut

CFA Roadside Fire Prevention Works

Environmental Burns (subject to seasonal conditions and Brigade resource availability) (indicated in RED on map)

Road	Rating	Treatment	Burnt By	Environmental Status	Additional Roadside Treatment
Nerowie Rd From Bacchus Marsh Geelong Rd to Shire Boundary	High	Burn	CFA	Burn for fire prevention - Environmental Significant area	Maintenance of Break (Council environmental to arrange)
Glenmore Road Bacchus Marsh Balliang Rd to Geelong – Bacchus Marsh Road) Both Sides	High	Burn	CFA	Burn for fire prevention - Environmental Significant area (alternate sides)	Maintenance of Break (Council Environment reviewing)
Egerton - Ballark Road (from Mt Egerton Township to Fergusons Lane)	High	Burn	CFA	Burn for fire prevention - Environmental Significant area	Maintenance of Break (Council Environmental to arrange)
Ballan - Meredith Road (Ballan Egerton Rd to Bungeeltap Sth Rd)	High	Burn	CFA	Part Burn for fire prevention – Environmental Significant area	Maintenance of Break (Council Environment to arrange - Spraying Council Contractor)
Bungeeltap South Road	Medium	Burn	CFA	Burn for fire prevention - Environmental Significant area	Maintenance of Break (Council Environmental to arrange - Spraying Council Contractor)
Glenmore Road (Yaloak Vale to Geelong-Ballan Road	High	Burn	CFA	Burn for fire prevention - Environmental Significant area	Maintenance of Break (Council Environmental fund)
Ingliston Road (Ballan Township to Settlement Road)	High	Burn	CFA	Burn for fire prevention - Environmental Significant area (alternate sides)	Maintenance of Break (external)
(Bacchus Marsh – Werribee Road) (from Geelong-Bacchus Marsh Rd to Shire Boundary)	High	Burn	CFA	Burn for fire prevention where practical - Environmental Significant area – Golden Sun Moth (VicRoads Road)	Maintenance of Break (VicRoads to arrange)

CFA Roadside Fire Prevention Works – July 2017

Burns (subject to seasonal conditions and Brigade resource availability)

Location	Location Description	Brigade ID	Map	Action Type ID	Prework required
Flacks Lane	From Racecourse Rd to Ballan Daylesford Rd	BALLAN	Region 15 Mapbook 442C	Burn	Nil
Andrews Lane	Between West Park Rd and Ballan Greendale Rd	BALLAN	Region 15 Mapbook 442C	Burn	Nil
Dehnerts Rd	From Vinecombes Lane to Racecourse Rd	BALLAN	Region 15 Mapbook 442C	Burn	Nil
Ingliston Rd	Between Railway Crossing Township to Settlement Rd	BALLAN	Region 15 Mapbook 442 F	Burn	Environmental area - slash fenceline if required 2.5 metre(Council Environmental to arrange)
Stone Hut Lane	From Racecourse Rd to Western Park Rd	BALLAN	Region 15 442C	Burn	Nil
Racecourse Rd	From Flacks Rd to Dehnerts Rd	BALLAN	Region 15 442C	Burn	Nil
Ballan Grasslands	54 Haddon Drive	BALLAN		Burn	Nil - Broad Acre
Cemetery Burn	Byers Rd, Blackwood	BLACKWOOD		Burn	Nil - Broad Acre
Dales Creek	Dales Creek Avenue	BLACKWOOD/GREENDALE		Burn	Nil - Council land
Blue Bridge Rd	North From Township to Mt Doran Rd	ELAINE	Region 15 483A	Burn	Nil
Settlement Rd	North from township to Elaine Clarendon- Blue Bridge Road	ELAINE	Region 15 483A	Burn	Nil
Elaine Railway	From Elaine to Elaine - Blue Bridge Road Clarendon	ELAINE	Region 15 483 A	Burn	Nil
Ballan Greendale Rd	From Grid Point 583389 to Township Boundary (from Andrews Lane to the Greendale Township_	GREENDALE	Region 15 Map 442C	Burn	Nil

Location	Location Description	Brigade ID	Map	Action Type ID	Prework required
Coles lane	Between Darcey Tk and Lidgetts Lane	GREENDALE	Region 15 442C	Burn	Nil
Myrniong – Korobeit Road	From Hastings Rd east to the Brigade Boundary	GREENDALE	Region 15 442 D	Burn	Nil
Myrniong - Greendale Rd C138	From Speed Signs (Lacote Road) at Greendale to 300 metres south of Fowlers Lane	GREENDALE	Region 15 Map 442 D	Burn	Nil
Bradys Lane	between Greenhills Road and Egans Reserve	GREENDALE	Region 15 SV Map 6441	Burn	Nil
Morrisons Elaine Rd	From Tableland Rd to Lal Lal Rd East West (between Forest Road and Lal Lal Road)	MORRISONS & DISTRICT	Region 15 Map 483 430151	Burn	Nil
Forest Road	From Morrison/Elaine Road north/south	Morrison & District	Page 6605 551-155	Burn	Nil
Around Fire Shed	West of fire shed approx. 2 acres	Morrison & District	Page 6605 – 440-151	Burn	Nil
Yendon Lal Lal Rd	From Township to Lal Lal Clarendon Rd	MT BUNINYONG	Region 15 Map 440 6	Burn	Nil
Yendon Mt Egerton Rd	From Railway crossing to the West Moorabool river	MT BUNINYONG	Region 15 map 440 D	Burn	Nil
Navigators Rd	From Township to Navigators Parallel with railway on the west side	MT BUNINYONG	Region 15 Map 440 D	Burn	Nil
Wiggins Road	200 Wiggins Road	MT BUNINYONG		Burn	Broad acre
Mt Egerton Ballark Road	Mt Egerton Bungeeltap Road to Ferguson Lane	Mt EGERTON	Region 15 Map 442	Burn	Environmental (MSC Environmental Dept. liaising with CFA and Landcare and arranging) (Council Environmental to arrange)

Location	Location Description	Brigade ID	Map	Action Type ID	Prework required
Mt Egerton Yendon Road	From Sharrocks Road to Spreadeagle Rd	MT EGERTON	Region 15 Map 442 423310	Burn	Nil
Bungeel Tap South Rd	From Mt Wallace Ballark Rd north to Banks Rd	MT WALLACE	Region 15 Map 484 A 515189	Burn	Maintenance of Break (Spray) (Council Environmental to arrange)
Mt Wallace Glenmore Rd	Between Geelong Ballan Rd and Cut Hill (Glenmore Road)	MT WALLACE	Region 15 Map 442 560222	Burn	Nil
Ballan Meredith Rd	From Mt Wallace Ballark Road to Mt Egerton Ballan Rd on the East side	MT WALLACE	Region 15 Map 442 530230	Burn	Maintenance of Break (Spray) (Council Environmental to arrange)
Bacchus Marsh Gisborne Rd	From Diggers Rest Rd to Ratcliffe Tk	COIMADAI	Central Map 6442 761414	Burn	Nil
Ballark-Egerton Rd	From Ballan Meredith Rd to top Ballark Hill	MORRISONS& DISTRICT	Map 6605 495173 to 476178	Burn	Fenceline slash 3 m both sides Prefer to spray and burn break earlier may require Assessment to allow this (Council Environmental to arrange)
Smiths Lane	Ballan Geelong Rd to Banks Lane	MT WALLACE	Map 6524 552227 to 540231	Burn	Nil
Greendale Trentham Rd	Maddisons Lane To the Greendale Roundabout	GREENDALE			Nil
Mt Blackwood Rd	Muirs Lane to Lohs Lane	MYRNIONG	Map 6441 665375 to 663394	Burn	Nil
Muirs Lane	Morrisons Lane to Blackwood Rd	MYRNIONG	Map 6441 665375 to 651376	Burn	Nil
Myrniong Korobeit Rd	Morrisons Lane West to the Brigade	MYRNIONG	Map 6441 648367 to 634376	Burn	Nil

MOORABOOL
SHIRE COUNCIL

Location	Location Description	Brigade ID	Map	Action Type ID	Prework required
	Boundary				
Nerowie Road	Bacchus Marsh Geelong Road to Shire Boundary	PARWAN		Burn	Council environmental to do breaks (refer red section)
Parwan Rail	Parwan-Exmouth Rd	PARWAN/VLINE		Burn	
Glenmore Rd	Bacchus Marsh – Balliang Rd to Geelong-Bacchus Marsh Rd	PARWAN		Burn	Council environmental to do breaks (refer red section)

Municipal Fire Management Plan - Blackwood Community Fire Refuge – Amended endorsed 12/11/13

Treatments

Roads (Vegetation Management)

Inspect and identify roadside trees that may present a safety risk to motorists by falling across the road in high wind events tri-annually from May 2013. i.e. May 2016, May 2019 etc.

All of this works is dependent on the CFR Pilot Program Evaluation and ongoing policy and funding from the State Government.

Road Section	Road Length (m)
Myrniong -Trentham Road (locally known as Greendale – Trentham Rd) Begin at Western Freeway and continue to Wightmans Track, Barrys Reef	20,313
Caravan Park Road, Blackwood - Beginning at Golden Point Road, the entire section of road to the entry of the caravan park	516
Simmons Reef Road, Blackwood - From Greendale-Trentham Road to the end of seal (entire section of sealed road)	2030
Old Golden Point Road, Blackwood - Between Greendale-Trentham Road and Golden Point Road	989
Byres Road, Blackwood - Between Old Golden Point Road and Golden Point Road	839
Terrill Street, Blackwood - Between Greendale-Trentham Road and Byres Road	201
Golden Point Road, Blackwood - Beginning at Greendale-Trentham Road, follow the road to Elgin Street which is where the sealed section ends	1414
Martin Street, Blackwood - From Greendale-Trentham Road, north to Grace Road (The entire sealed road section)	513

Grass around CFA Fire Station to be maintained at 100mm during Declared Fire Season

Grass and vegetation maintained during declared fire season.

Road Name
Barrys Road (off Bush Inn) Wattle Flat
Thomas Court Gordon
Scenic Court Gordon
Callaghans Lane Gordon
Cricket Ground Track (topend) Blakeville
Skeltons Road Scotsburn
Yuulong Road Scotsburn **(undeveloped section up to Yendon No. 2)**
Cockatoo Road Lal Lal
Racecourse Lane, Elaine Morrisons (off Angees Road)
Hopgoods Road Clarendon
Mystery Lane Mt Doran
All Nations Gully Mt Egerton
Long Gully Road Greendale
Wattle Gully Road Greendale
Coles Lane Greendale
Angees Road (Part DSE) Elaine/Morrisons
Greystones (Private Property Rowsley)
2010
Seerys Road, Coimadai
2011
Swans Road Darley
2012
Bradys Lane Greendale

FIRE ACCESS TRACKS
Road Management Plan Annual Inspection Report

2015
Ted Lyons Road, Navigators
Skinners Road, Blackwood

Terminology

Agencies	Refers to the agencies of the Municipal Fire Management Planning Committee. These include key agencies and organisations such as the Moorabool Shire, **DELWP**, **CFA**, **HVP**, Victoria Police, **SES** and Water Authorities.
Agency Treatments	Refer to Treatment Definition in *Appendix A.1 Multi Agency Bushfire Asset Risk Management Register.*
Assets	Anything valued by the community which includes houses, crops, stock, heritage buildings and places, infrastructure, the environment, businesses, and forests, that may be at risk from fire.
Bushfire	A general term used to describe fire in vegetation, including grass fire.
Bushfire Risk	The chance of a bushfire igniting, spreading and causing damage to the community or the assets they value.
Community Safety	Community safety is the collaborative effort by community, government and non-government groups to ensure the safety, wellbeing and stability of society. These efforts are sustained by core values of sustainability, social cohesion, security, cooperation, self-reliance and an improved physical environment. Under such a regime, safer communities are locally organised and resourced, well informed about local risks, proactive in prevention, risk averse, motivated and able to manage the majority of local issues through effective planning and action.
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: A fire; and An explosion, A road accident or any other accident, A disruption to an essential service ("essential service" means any of the following services: transport, fuel (including gas), light, power, water, sewerage, or a service (whether or not of a type similar to the foregoing) declared to be an essential service by the Governor in Council) from the effect or impact of fire.
Fire Management	All activities associated with the management of fire (bushfire, structural, chemical), including the use of fire to meet land management goals and objectives. In simple terms, 'fire management' is **PPRR** as well as use of fire for ecological, agricultural and cultural purposes.
Integrated Fire Management Planning *(IFMP)*	Integrated Fire Management Planning is a holistic and integrated risk based planning framework for fire management, across all land tenures and boundaries including **PPRR** activities.
Preparedness	All activities undertaken in advance of the occurrence of an incident to decrease the impact, extent and severity of the incident and to ensure more effective response activities.
Prevention	All activities concerned with minimising the occurrence of incidents, particularly those of human origin.

Recovery	The coordinated process of supporting emergency effected communities in reconstruction of the physical infrastructure and restoration of emotional, social, economic and physical wellbeing.
Response	Actions taken in anticipation of, during and immediately after an incident to ensure that its effects are minimised, and that people effected are given immediate relief and support.
Risk Assessment	The overall process of risk identification, risk analysis and risk evaluation.
Risk Environments	There are four types of risk environments based on the **VFRR**s risk tool which are Human Settlement, Economic, Environmental and Cultural Heritage.
Risk Identification	The process of determining what, where, when, why and how something could happen.
Victorian Fire Risk Register *(VFRR)*	Victorian Fire Risk Register is a systematic map based process that identifies assets, assesses assets and provides a range of treatments which contribute to the well being of communities and the environment, which suffer the adverse effects of bushfire.
Vulnerability	The susceptibility of an asset or community to the impacts of fire.

Acronyms

CFA	Country Fire Authority
CHW	Central Highlands Water
CIG	Community Information Guide
DET	Department of Education and Training
DELWP	Department of Environment, Land, Water and Planning
HVP	Hancock Victorian Plantations
IFMP	Integrated Fire Management Planning
MEMP	Municipal Emergency Management Plan
MEMPC	Municipal Emergency Management Planning Committee
MFMP	Municipal Fire Management Plan
MFMPC	Municipal Fire Management Planning Committee
MFPP	Municipal Fire Prevention Plan
NSP-PLR	Neighbourhood Safer Places – Places of Last Resort
PEAR	Priority Egress/Access Roads
PPRR	Prevention, Preparedness, Response and Recovery
RSFMP	Regional Strategic Fire Management Plan
RSFMPC	Regional Strategic Fire Management Planning Committee
VICSES	Victorian State Emergency Service
VBRC	Victoria Bushfire Royal Commission
VFRR	Victoria Fire Risk Register

Bushfire
Structure Fire
Hazardous Materials Incident

	Actions in table proposed		Actions in table adopted

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- Moorabool Shire (2017) Municipal Emergency Management Plan 2017-2020

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- Country Fire Authority Act (1958)

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- State of Victoria (2009) State Fire Management Strategy 2009 & 2013

- State of Victoria Emergency Management Manual of Victoria

- State of Victoria The Integrated Fire Management Planning Framework

- VicRoads Road Bushfire Risk Assessment Guideline

For more information visit: www.moorabool.vic.gov.au