

Municipal Fire Management Plan 2012 – 2016

Version 1.2

Horsham Rural City Municipality



Department of
Environment, Land,
Water & Planning



**Horsham Rural City
Council**
urban rural balance



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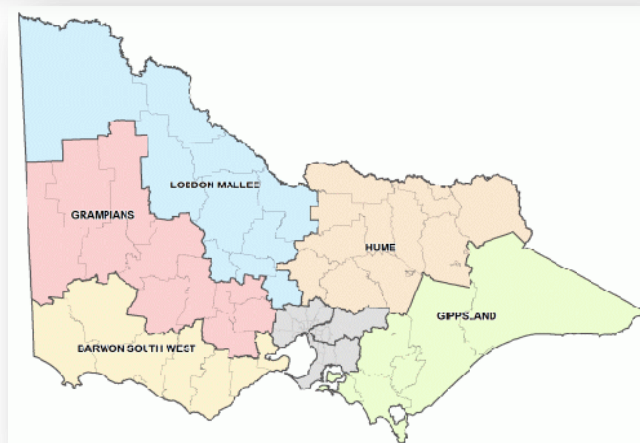
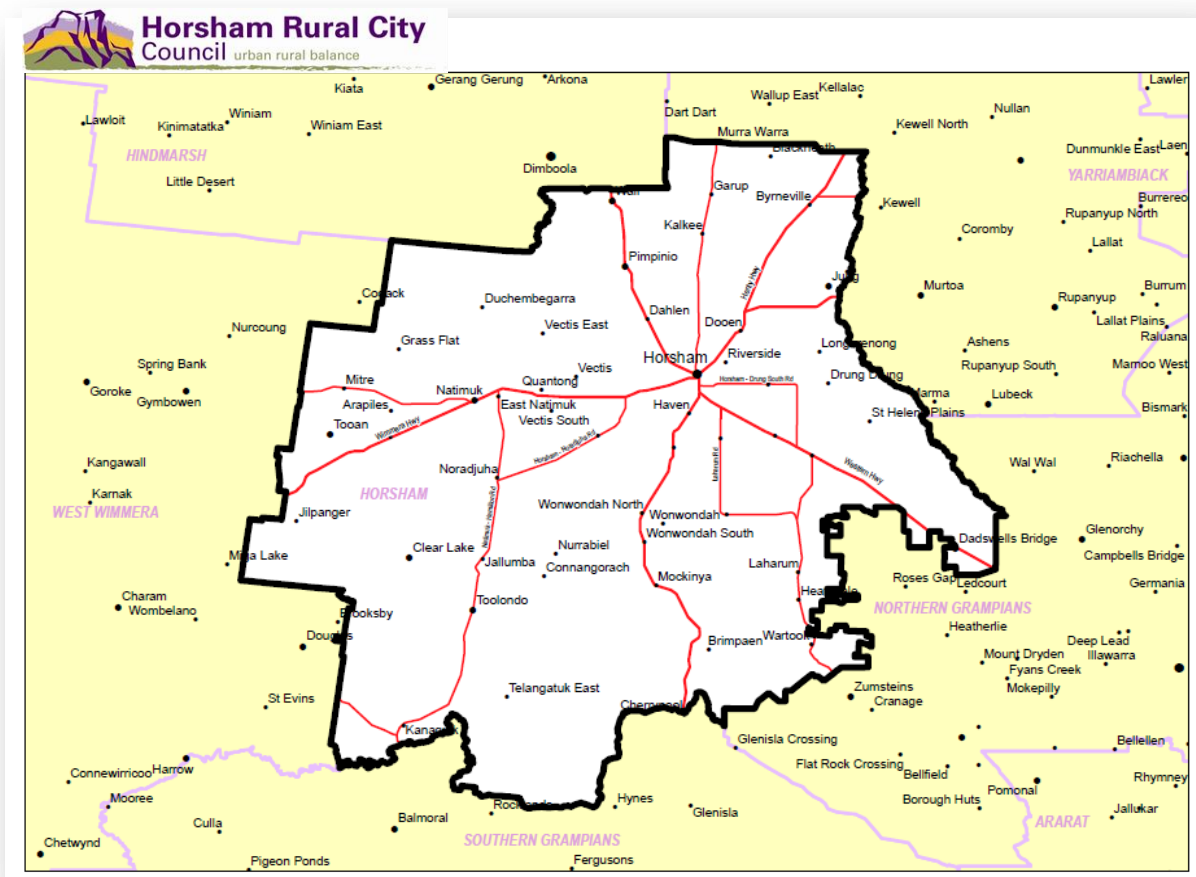


Figure 1 Map of Fairer Victoria Boundaries and the Horsham Rural City Council Boundary

Foreword

This first iteration of the Horsham Rural City Council Municipal Fire Management Plan (MFMP) is primarily focused on bushfire risk as a regional priority, taking into account that it is a living document and future iterations will include structure fire and hazardous materials incident risks.

The Horsham Rural City Council Municipal Fire Management Planning Committee (MFMP) will continue to work through a defined risk assessment and review process in relation to the Preparedness, Prevention, Response and Recovery from fire, using consistent processes and tools as they become available.

Preparation of the Horsham Rural City Council MFMP has involved the experience of agencies and authorities charged with responsibilities for fire management, local Country Fire Authority (CFA) brigades and community consultation. This collaboration has ensured the development of a holistic and integrated approach to fire management across all land managers and users and that the strategies adopted are based on practical local knowledge and common sense.

Context Statement

As for each municipality throughout the state which is subject to the risk of bushfires, the Horsham Rural City Council MFMP is required to prepare and submit a draft MFMP to the Municipal Emergency Management Planning Committee (MEMPC) for their endorsement prior to submission to Council for its adoption.

This version of the MFMP focuses primarily on bushfire. Structural and hazardous materials incidents are covered as per the previous Municipal Fire Prevention Plan (MFPP) but will be reviewed and refined in subsequent versions of the Municipal Fire Management Plan.

The MFMP will be reviewed and updated annually to ensure it incorporates any new strategies, programs and tools developed to meet Council, agency and community needs and expectations in relation to fire.

All comments should be forwarded to:

Municipal Emergency Resource Officer

Horsham Rural City Council

PO Box 511

Horsham Vic 3402

Version Control Table

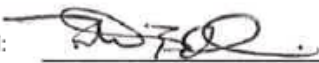


Version Number	Date of Issue	Author(s)	Brief Description of Change
Version 1.0	May 2012	Horsham Rural City MFMPC	Adoption of Version 1.0
Version 1.1	September 2014	Wimmera Emergency Management Cluster	Updated Section 3.7, Chapter 5, Section 6.5, Appendix A, B, C.2, C.3 and H. Changed Community Information Guide (CIG) to Community Information Guide (CIG). Inclusion of Disclaimer, new Section 6.3 – Plan Reporting and change existing Section 6.3, 6.4 to the next sequence.
Version 1.2	October 2015	Wimmera Emergency Management Resource Sharing Program	Department names, legislation references, authorisation and plan duration updated. Updated references in environmental scan. Updated data from VFRR for consistency with State-wide dataset.

Disclaimer - Hardcopies of this document are considered uncontrolled. Please refer to the Horsham Rural City website for the latest version.

Authorisation

This integrated MFMP was adopted as the first iteration of the Horsham Rural City Council's MFMP.

Version 1.0 of this Plan was endorsed through a formal motion by the Horsham Rural City Council MFMP at their meeting on 15 May 2012, for which the Chair of the committee will sign for and on behalf of all members of the Horsham Rural City Council MFMP.

Signed:  Peter Bell Chair Horsham Rural City Municipal Fire Management Planning Committee	Date: <u>15/05/2012</u>	Plan endorsed by: Municipal Fire Management Planning Committee
Signed:  John Martin Municipal Emergency Resource Officer Horsham Rural City Council	Date: <u>12/06/2012</u>	Plan endorsed by: Municipal Emergency Management Planning Committee
Signed:  Peter Brown Chief Executive Officer Horsham Rural City Council	Date: <u>16/07/12</u>	Plan adopted by Council

Version 1.1, which incorporates minor edits and updates, was approved by Horsham Rural City Council Municipal Fire Management Planning Committee on 8th of July 2014.

Version 1.2, which incorporates minor edits and updates, was approved by Horsham Rural City Council Municipal Fire Management Planning Committee on 20th October 2015.



Partner agencies and other stakeholders with actions assigned to them in this plan and who are not members of the Horsham Rural City Council MFMP, are represented on the Grampians RSFMPC and have reviewed and commented on the Horsham Rural City Council MFMP which was noted at the Grampians RSFMPC meeting held on 17 April 2012.

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

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1 Introduction

The Municipal Fire Management Plan (MFMP) guides participants involved in fire management activities. Replacing the existing Municipal Fire Prevention Plan (MFPP), it is consistent with the Municipal Emergency Management Plan (MEMP) to ensure that 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.

Authority for this plan is derived from the [Emergency Management Act 1986](#) and [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 Coordinator in Chief (Section 21 (5)). Please note that the 2013 Emergency Management Act works concurrently with the existing provisions in the Emergency Management Act 1986 which remains in force. 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 plan is based on the Integrated Fire Management Planning (IFMP) framework.

The IFMP 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 first version of the Horsham MFMP seeks to achieve consistent and effective fire management planning across 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 IFMP is the ongoing building and maintaining of relationships across government, the private sector and the broader community.

This Horsham Rural City Council MFMP is an integrated plan combining plans from the Horsham Rural City Council, Department of Environment, Land, Water and Planning (DELWP)– Wimmera Fire District, Parks Victoria – Little Desert – Lowan and Grampians Ranger In Charge Areas, Country Fire Authority – District 17, Grampians Group, Horsham, Jilpanger, Natimuk, Dadswells Bridge Groups, VicRoads – Western Region, Grampians-Wimmera-Mallee Water, Department Education and Training (DET), Wimmera Catchment Management Authority and Victoria Police.

1.1 Core Membership of the Horsham Rural City Council Municipal Fire Management Planning Committee

The Municipal Fire Management Planning Committee has representation from the following organisations who form the quorum of the committee:

- Horsham Rural City Council representatives
- CFA – District 17 Operations Officer
- CFA Group Officers – Grampians, Horsham, Jilpanger, Natimuk
- CFA Brigade Representative – Dadswells Bridge
- CFA – Communication Safety or delegate
- DELWP – Land & Fire, Wimmera Fire District
- Parks Victoria – Little Desert-Lowan
- Victoria Police – Horsham
- CFA – Communication safety or delegate

The following organisations are invited to attend all meetings and will receive all correspondence and meeting invitations but it is understood that their attendance cannot be guaranteed.

- Vic Roads
- GWMWater
- CFA – Vegetation Management Officer
- VicTrack
- Wimmera Catchment Management Authority

1.2 Role of the Municipal Fire Management Planning Committee

The role of the MFMP is to provide a municipal level forum to build and sustain organisational partnerships, generate a shared purpose with regard to fire management and ensure that the plans of individual agencies are linked and complement each other.

The Horsham Rural City Council MFMP 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 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 Municipal Fire Prevention Officer concerning the removal of fire hazards under Section 41 of the CFA Act

- Refer to the Grampians Regional Strategic Fire Management Planning Committee (RSFMPC) for consideration of all matters which in the opinion of the MFMPC should be so referred
- Carry out such other functions as are conferred or imposed upon MFMPC by regulations made upon the recommendation of the Authority

The MFMPC also has the following key deliverables as outlined in the Integrated Fire Management Planning Framework:

- Produce the MFMP for adoption by the municipal council
- Monitor, review and report to the municipal council and the community through the MEMPC

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

Please note that the following was in reference to MFMP Version 1.0

Stakeholders involved in fire management planning in Horsham Rural City Municipality 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, when and why communications will occur. This will increase efficiencies, reduce duplications and provide consistent messaging through the implementation of IFMP in the Horsham Rural City Municipality. (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
- Achieve greater consistency from all levels of government on key policy issues

2.3 Communication and Engagement Principles

The Horsham Rural City Council MFMPPC 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
- 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 (Appendix D) sets out a time specific consultation program, which features:

- Community information sessions held in Horsham Rural City Municipality targeting high-risk communities
- Stakeholder briefings held in Horsham Rural City Municipality for special interest organisations as required
- Online engagement program during the consultation period

2.3.2 Communications

An extensive communications plan will support the consultation program and raise awareness among the general community about the role of the MFMP and Community Information Guides.

2.3.3 Submissions

At the conclusion of the consultation period, the Horsham MFMPCC will review, assess and respond to community submissions. The MFMP will be updated if required.

2.3.4 Key Engagement Process used to develop the Municipal Fire Management Plan

The Figure below describes the key engagement process involved in the development of the MFMP:



Figure 2 Key Engagement Process to Develop MFMP

3 Environmental Scan

Please note: A more detailed version of the Environmental Scan is available from Part 2 of the Municipal Emergency Management Plan

3.1 Location

Horsham Rural City Council is strategically located on the National Highway and rail systems approximately halfway between Melbourne and Adelaide. The section of the Western Highway which passes through the municipality is a known Fatigue Zone. The municipality encompasses a large area of Victoria's highly productive, broad acre dry land cropping country in the north graduating to highly prized grazing land in the southern areas, which borders the Grampians National Park. The heritage Wimmera River and a network of recreational lakes throughout the municipality compliment the diverse local topography and pleasant climate.

Horsham is the largest regional centre in the Wimmera area, providing goods and services not only to its own residents but those from the surrounding municipalities. Its location on the junction of the Henty, Wimmera and Western Highways makes it a key hub for distribution of a range of goods and services across the region. The Horsham Aerodrome is located to the north of Horsham and has two sealed runways and facilities for night landing.

3.2 Traditional Owners

Horsham Rural City Council acknowledges the Indigenous history of the municipality. The Barengi Gadjin Land Council which represented people from Wotjobaluk, Jaadwa, Jadawadjali, Wergaia and Jupangulk people have been appointed as the Registered Aboriginal Party for an area which covers this municipality.

The Wimmera River and tributaries, Natimuk Creek, Mt Arapiles- Tooan State Park and Black Range State Park are just a few of the significant areas within the municipality which contain significant sites and associations for the aboriginal people.

3.3 Natural Environment

The Horsham Rural City Council area provides a connection between the northern section of the Grampians National Park, the end of the Great Dividing Range and the Little Desert National Park abutting the northern boundary. Mt Arapiles-Tooan State Park and Jilpanger Nature Conservation Reserve are located in the west near Natimuk. Black Range State Park is in the south, with this southern border also abutting Rockland's Reservoir. There are numerous smaller state forests and Nature Conservation Reserves scattered throughout and

many private bushland blocks and vegetated roadsides and corridors providing the link from the south to the north.

The Heritage listed Wimmera River is the dominate feature of the municipality, with a number of smaller creeks including, Mt William, Golton, Bungalaly, McKenzie, Burnt, Norton and Darragan joining it prior to or close to Horsham. The Wimmera River traverses the entire municipality from south to north. Natimuk Creek system is a much smaller system and is fully contained within the Horsham Rural City Council boundary terminating in Lake Natimuk, just north of the Natimuk township. This intricate system of creeks and rivers can make firefighting difficult due to the numerous river crossings and the need for maintenance of these crossings. There are limited heavy machinery crossings of the Wimmera River system.

Connected to this intricate system of waterways are a number of recreational lakes. Some are part of the water management system relating to township and pipeline water supply. Others are naturally filled lake and swamps that are seasonal. These sites provide a range of opportunities for people such as camping, skiing, hunting and fishing. The main season for many of these activities is spring and summer and again increases the seasonal population in these areas.

3.4 Land Use

The land in the northern area is characterized by wide open flat clay soils with isolated small settlements scattered throughout. As you move further south the land becomes more undulating as it reaches the Great Dividing Range in the Grampians National Park. This change in landform aligns with the characteristics changes in fire behavior, with fast moving grassfire in the north with few settlements, to more intense grass and bushfires with many scattered isolated residents in the south. The increase in population growth of Horsham has seen an increase in subdivision on the edge of town.

Even though the Grampians National Park is not within the municipality boundary, Horsham provides the largest centre for visitors to stay or purchase supplies. Wartook Valley area and Dadswells Bridge townships abut the National Park and provide a range of accommodation and associated industries for visitors. These areas, in particular, have a large increase in seasonal population mostly in the spring/summer period. Mount Arapiles is a mecca for rock climbers from all over the world and there is a constant but transient population in Natimuk and Mt Arapiles visiting this location. Many of the visitors to both Grampians and Mount Arapiles are from overseas.

The Grampians Wimmera Mallee Pipeline has been implemented across the municipality. This system has replaced the earthen channel system which currently still remains in place but will be removed over time. Long established olive plantations exist in the Mt Zero area along with some private property blue gum plantation. There are also a number of private property agro forestry plantations.

3.5 Climate and Bushfire Season

The climate in the Horsham 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 November to April.

Prevailing weather conditions associated with the bushfire season in the Horsham Rural City Municipality 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, Horsham Rural City Municipality 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
- To have fewer rainy days but increasing rainfall intensity

At the time of writing, the Horsham Rural City Municipality has experienced wetter than average conditions following an extended period of drought.

3.6 Population and Demographics

The Horsham Rural City Council's 2014-2015 Annual Report shows the total population of the region to be around 19,687 people. Since 2002, population growth in Horsham Rural City Council has been around 0.7% and is expected to remain at a similar level in 2022. This is a small but steady increase over the last few years, with the largest increase in population being in Horsham itself. This increase is against the trend for the Wimmera Region as many of the people who once lived in the smaller townships and settlements or on the land are retiring to the larger regional centre of Horsham. Also, commuting across the region for work is becoming a normal practice with families wishing to live in Horsham and travel out to work on the land rather than live on the land.

During peak tourism periods and major events, the transient population especially in areas such as Horsham, Natimuk, Mt Arapiles, Dadswells Bridge and Wartook can be quite substantial and in the smaller townships more than the permanent population. This seasonal increase often occurs in conjunction with the higher fire danger periods. These visitors are not traditionally associated with this region and include many international visitors who may have limited understanding of fire in this landscape.

The largest centre is Horsham with a population of around 15,900. Scattered across the municipality there are numerous small townships and settlements such as: Natimuk, Jung, Dooen, Clear Lake, Noradjuha, Quantong, Dadswells Bridge, Pimpinio and Wartook Valley. Even though the overall population is increasing, the population is actually ageing with many of the people moving to Horsham coming from off the land or the smaller settlements and townships across the Wimmera Region. Landholdings are also getting larger with the

small farms being consolidated into larger holdings. In the Wartook Valley area there are a number of bush block subdivisions.

3.7 History of Fire and Ignition Causes

Due to the patchwork nature of public and private land across the municipality, most fires regardless of ignition will impact on both land tenures. Some of the fires listed have no direct impact on the land within the Horsham municipality, but due to the connectedness of the communities and the services provided by Horsham to neighbouring shires they do have an impact on the service and delivery of this municipality.

The major bushfires across the municipality are depicted in the table below.

Year	Location	Ignition Source	Size
Jan 2015	Rocklands – Rees Rd	Lightning	4,700
Jan 2014	Northern Grampians Complex	Lightning	55,000 ha
Jan 2010	Roses Gap	Lightning	1,715 ha
Feb 2009	Remlaw – Horsham	Power pole	1,782 ha
Jan 2006	Mt Lubra – Grampians	Lightning	140,000 ha
Dec 2007	Little Desert	Lightning	15,000 ha
2005	Fulham	Campfire escape	10,000 ha
2002	Dock Lake - Highway	Vehicle/Fairy Grass	100 ha
2000	Laharum	Burn off	1,400 ha
1999	Mt Difficult	Lightning	6,500 ha
1994	Telangatuk	Burn Off	1,500 ha
1991	Jilpanger	Lightning	500 ha

Table 1 Horsham Rural City Municipality Major Bushfire History

The major structure fires across the municipality are depicted in the table below.

Year	Location
2008	Johnson Asahi Pty Ltd- Plumpton Rd Horsham (Hayshed)
1998	Gas Tanker at Natimuk Incident
1998	Boehms Furniture – Urquhart St Horsham
1976	BP Wimmera Bridge - Incident
1976	Col Davey Motor Cycles
1970	Public State Offices

Table 2 Horsham Rural City Municipality Major Structure Fire History

3.8 Future Fire Management Implications

Future vulnerabilities will include larger landholdings managed by offsite managers who prefer to travel out to the land from Horsham rather than live on the land. This demographic combined with an aging population has seen previously robust rural communities be replaced by smaller, older more vulnerable communities isolated from services. The shift in population could potentially lead to delayed suppression activities in rural areas, reducing the brigade's capacity and resources.

As the population moves away from these smaller townships and settlements more blocks within the smaller towns have absentee land owners, which could lead to a greater vulnerability of those residents who remain and a greater effort of fire prevention enforcement to manage fuel hazard may be required.

In the future the Western Highway will bypass Horsham, which will reduce the through traffic of large trucks and hazardous materials through the city. With the duplication of the highway further south, this may lead to a realignment of the Fatigue Zone to be moved further west in the municipality and into the neighbouring shire.

The construction of the Wimmera Intermodal Freight Terminal at Dooen will also change some heavy traffic flow and will change the direction of development between Horsham and Dooen.

4 Municipal Fire Management Objectives

4.1 Objectives/Outcomes

The primary objectives of the Horsham Rural City Council Municipal Fire Management Plan are to:

- *Effectively manage and reduce the risk of fire, with a view to protecting life and property with due regard to our natural environment.*
- *Align and integrate existing fire management planning and practices across agencies and the community.*

The Horsham Rural City Council MFMP is a strategic and operational document that identifies communities and assets at risk through an Environmental Risk Scan. This incorporates Council's existing Municipal Fire Prevention Plan and Municipal Emergency Management Plan, using the Victorian Fire Risk Register (VFRR) tool to identify assets at risk from bushfire and treatments currently applied to mitigate risk.

The Horsham Rural City Council MFMP aims to create greater community awareness and communicate fire management information more effectively 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.
- Liaise with other agencies and committees to ensure integration and consistency of purpose.

Ultimately, the community will share responsibility for implementing the strategies contained within the plan and create a safer municipality in partnership with the Horsham MFMP.

4.2 Strategic Directions

This plan addresses both public and private land across the Prevention, Preparedness, Response and Recovery (PPRR) continuum.

Adopting the principles of continuous improvement, the strategic direction of the plan aligns directly to the *State Fire Management Strategy (2009)* which articulates the vision of future fire management in Victoria as fire management that delivers:

- *Active participation of community, the industry and government, working together in fire management.*
- *Fire management planning to reduce the destructive impact of fire on communities and the environment.*
- *Communities that are resilient to the effects of fire.*
- *Greater understanding of the fire industry within the community, healthy natural, social, built and economic environments.*

Also considered in the ongoing development of the MFMP's are the following broad strategy documents:

- *“Living with fire- Victoria's Bushfire Strategy”*: Provides Victoria with clear direction to meet future bushfire challenges.
- *“Bushfire Safety Policy Framework”* Provides guidance and direction to government and agencies on the improvement of community bushfire safety of all Victorians.
- *“Making Victoria Fire ready”* Implementing Governments response to 2009 Victorian Bushfire Royal Commission (VBRC).

These and any other relevant strategies and/or documents which have and will influence this plan can be accessed via the following websites:

www.cfa.vic.gov.au

www.justice.vic.gov.au

www.emv.vic.gov.au

www.ifmp.vic.gov.au

www.delwp.vic.gov.au

www.bushfiresmonitor.vic.gov.au

4.3 Other Business Planning and Programs

Many other agencies and organisations plans and strategies have strong links to the development of this plan. The strategic overview and intent of these plans is captured within this plan but the detail remains within the agencies and organisations documents. Some of these plans are available publicly on the organisations website and others are internal publications and available at the regional level through the Grampians Strategic Fire Management Planning Committee, or locally held with members of the committee.

Publicly available documents:

Strategic based documents

- Grampians Regional Strategic Fire Management Plan V2 (2011):
<http://www.ifmp.vic.gov.au/index.php/grampians>
- Horsham Rural City Council Municipal Emergency Management Plan:
<http://www.hrcc.vic.gov.au/emergency/documents>

Operational based documents

- Grampians Region DEPI Fire Operations Plan (now DEWLP):
http://www.depi.vic.gov.au/_data/assets/pdf_file/0018/200952/2013-Grampians-plan.pdf

Neighbouring Municipalities Fire Management Plans:

- Northern Grampians Shire Council:
<http://www.ngshire.vic.gov.au/Emergency-Management/Fire>
- West Wimmera Shire Council:
<http://www.westwimmera.vic.gov.au/documents-1>
- Yarriambiack Shire Council:
<http://yarriambiack.vic.gov.au/emergency/documents/>
- Hindmarsh Shire Council homepage:
<http://www.hindmarsh.vic.gov.au>
- Southern Grampians Shire Council homepage
<http://www.sthgrampians.vic.gov.au>

Regional Documents:

- Powercor Bushfire Mitigation Strategy
- SP Ausnet Bushfire Mitigation Strategy
- VicRoads – Roadside Fire Management
- Grampians Region Bushfire Preparedness Plans
- CFA District 17 Operational Plans
- Wimmera Catchment Management Regional Strategy

Local Plans:

- CFA Brigade Plans
- Little Desert - Lowan Emergency Management Plan, Parks Victoria
- Grampians - Black Range Emergency Management Plan, Parks Victoria

5 Fire Risk Management Strategies

5.1 Risk Assessment Methodologies

In developing this plan the committee has considered the State 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
- Protection of environmental and conservation values that consider the cultural, biodiversity and social values of the environment

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

5.1.1 Analysis and Prioritisation of Municipal Bushfire Risk

To determine the bushfire risk within Horsham Rural City Municipality, 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 model. 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 RSFMP Priority	VFRR Asset Class	VFRR Asset Sub Class(es)
Urban Interface	Human Settlement	<ul style="list-style-type: none"> Residential (dense and highly populated areas) Other (less dense areas with a lower population) Special Fire Protection (a vulnerable congregation of people in a particular location at one time)
Power Supply Communications Water Supplies and Catchments Transport	Economic	<ul style="list-style-type: none"> Agriculture Commercial Infrastructure Tourist and Recreational Mines Commercial Forests Water Catchments
Natural Environment	Environmental	<ul style="list-style-type: none"> Locally important Endangered Vulnerable
	Cultural Heritage	<ul style="list-style-type: none"> Aboriginal Significance Non Indigenous Other

Table 3 Bushfire Priority with VFRR Asset Classes and Sub Classes

5.1.3 Treatment of Municipal Bushfire Risk

State priorities are underpinned by the primacy of life, as well as the protection of property, 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
- 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, where appropriate within the Horsham Rural City Municipality, agencies have used these treatments. The generic State wide and municipal wide treatments include:

- Building Code of Australia
- Bushfire Management Overlays
- Community education and engagement activities
- Community education programs
- Compliance and enforcement of legislation
- Daily Readiness
- Fire hazard inspection program and issue of notice
- Local laws
- Permits to Burn
- Power line hazard tree identification, management and reporting
- Public awareness – multimedia communications

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 in the tables which follow.

Community Education and Engagement

Objectives	Timeframe	Agency Treatments	Community / Individual Treatments	Outcome
<ol style="list-style-type: none"> 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 – June 2012 to June 2016	<ul style="list-style-type: none"> ▪ Community education programs ▪ Agency Integrated Community engagement activities ▪ Bushfire awareness training ▪ Multimedia communications ▪ Victoria Bushfire Information Line ▪ Increase legislative and regulatory awareness ▪ Increased awareness of planning controls ▪ Targeted education campaign regarding the use and role of fire in the environment 	<ul style="list-style-type: none"> ▪ 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 4 Bushfire - Community Education and Engagement Fire Risk Management Strategy

Hazard Reduction

Objectives	Timeframe	Agency Treatments	Community / Individual Treatments	Outcome
<ol style="list-style-type: none"> 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 – June 2012 to June 2016	<ul style="list-style-type: none"> ▪ Slashing program ▪ Burn program ▪ Spraying program ▪ Pruning program 	Private property hazard reduction: Cleaning gutters, Slashing, Mowing, Ploughing Grazing, Fuel reduction burns	Shared responsibility between agencies and individuals to minimise fire hazards.

Table 5 Bushfire - Hazard Reduction Fire Risk Management Strategy

Preparedness

Objectives	Timeframe	Agency Treatments	Community / Individual Treatments	Outcome
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 – June 2012 – June 2016	<ul style="list-style-type: none"> ▪ VFRR process ▪ Establishment of Incident Control Centres ▪ Code red days ▪ Power line inspections ▪ Community Information Guides ▪ Neighbourhood Safer Places – Places of Last Resort ▪ Fire breaks ▪ Emergency Management Plan ▪ Evacuation Plans ▪ Brigade Community Plans 	<ul style="list-style-type: none"> ▪ Personal Bushfire Survival Plans ▪ Daily readiness ▪ Practice / rehearse plans 	<ul style="list-style-type: none"> ▪ 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 6 Bushfire Preparedness Fire Risk Management Strategy

Regulatory Controls

Objectives	Timeframe	Agency Treatments	Community / Individual Treatments	Outcome
<ol style="list-style-type: none"> 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. 3. To implement regulation aimed to reducing risk and impact of bushfire. 4. To create and maintain effective linkages between planning functions to better inform proposed residential developments. 	For the Plan duration – June 2012 – June 2016	<ul style="list-style-type: none"> ▪ 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.	<ul style="list-style-type: none"> ▪ Compliance with regulatory controls ▪ Appropriate residential development

Table 7 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 treatments and activities to treat assets identified at risk from bushfire and broader fire risk in the Horsham Rural City Municipality are listed in Appendices A and B respectively.

5.1.4 Analysis and Prioritisation of Structure Fires and Hazardous Materials Incidents Municipal 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 Future Objectives

Priority risks for structure fire incidents within the Horsham Rural City have been defined by the Horsham Rural City 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	Asset Sub Class(es)
1. Houses, Accommodation, Places of public gathering, Infirm, assisted living	Human Settlement	Residential: <ul style="list-style-type: none"> High density Urban Interface Living Rural Motels & other accommodation Public Assembly: <ul style="list-style-type: none"> Entertainment & Leisure & Conference Venues Institutions Hotels/Nightclubs Healthcare: <ul style="list-style-type: none"> Hospitals & Medical Centres Special Care Facilities
2. Retail, Commercial Businesses, Industrial, Infrastructure	Economic	Commercial & Industrial: <ul style="list-style-type: none"> 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 8 Proposed Structure Fire Asset 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 – June 2012 to June 2016	<ul style="list-style-type: none"> Community education programs Community engagement activities Multimedia communications Increase legislative and regulatory awareness Increased awareness of planning controls 	<ul style="list-style-type: none"> 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 9 Structure Fire - Hazard Reduction Fire Risk Management Strategy

Hazard Reduction

Objectives	Timeframe	Agency Treatments	Community / Individual Treatments	Outcome
<ol style="list-style-type: none"> 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 – June 2012 to June 2016	<ul style="list-style-type: none"> ▪ 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 	<ul style="list-style-type: none"> ▪ 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 10 Structure Fire - Hazard Reduction Fire Risk Management Strategy

Preparedness

Objectives	Timeframe	Agency Treatments	Community / Individual Treatments	Outcome
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 – October 2012 to October 2016	<ul style="list-style-type: none"> Emergency Management Plan Brigade Pre Plans Fire Sprinkler/ Extinguisher Installation & Maintenance 	<ul style="list-style-type: none"> Maintenance of sprinklers, smoke detectors and fire extinguishers Building/staff fire drills 	<ul style="list-style-type: none"> All agencies and individuals to regularly evaluate preparation and readiness to respond to fire. Measurable reduction of impact on structure fire.

Table 11 Structure Fire - Preparedness Fire Risk Management Strategy

Regulatory Controls

Objectives	Timeframe	Agency Treatments	Community / Individual Treatments	Outcome
<ol style="list-style-type: none"> 1. To implement regulation aimed to reducing 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 – June 2012 to June 2016	<ul style="list-style-type: none"> ▪ Conduct fire safety inspections ▪ Planning schemes ▪ Building codes ▪ Response to planning applications 	<ul style="list-style-type: none"> ▪ Comply with regulations 	<ul style="list-style-type: none"> ▪ Compliance with regulatory controls ▪ Appropriate residential development

Table 12 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 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 Horsham Rural City have been defined by the Horsham Rural City 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	Asset Sub Class(es)
1. Houses, accommodation, places of public gathering, infirm, assisted living	Human Settlement	Residential: <ul style="list-style-type: none"> High density Urban Interface Living Rural Motels & other accommodation Public Assembly: <ul style="list-style-type: none"> Entertainment & Leisure & Conference Venues Institutions Hotels/Nightclubs Healthcare: <ul style="list-style-type: none"> Hospitals & Medical Centres Special Care Facilities
2. Retail, Commercial Businesses, Industrial, Infrastructure	Economic	Commercial & Industrial: <ul style="list-style-type: none"> Retail/Business – joined or contiguous Retail/Business – separate structures Industrial Infrastructure
3. Chemical incident affecting the environment	Environmental	<ul style="list-style-type: none"> Flora & Fauna, Land, Water & Air Quality
4. Buildings of significant heritage or cultural value	Cultural Heritage	Heritage listed and locally significant structures

Table 13 Hazardous Material 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 following tables:

Community Education and Engagement				
Objectives	Timeframe	Agency Treatments	Community / Individual Treatments	Outcome
<ol style="list-style-type: none"> 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 2012 to October 2016	<ul style="list-style-type: none"> ▪ Community information in response to incidents ▪ Increase legislative and regulatory awareness ▪ Increased awareness of planning controls ▪ Shelter in place program 	<ul style="list-style-type: none"> ▪ 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 14 Hazardous Material Incident - Community Education and Engagement Fire Risk Management Strategy

Hazard Reduction

Objectives	Timeframe	Agency Treatments	Community / Individual Treatments	Outcome
<ol style="list-style-type: none"> 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 – October 2012 to October 2016	<ul style="list-style-type: none"> ▪ 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 	<ul style="list-style-type: none"> ▪ 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 15 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 – October 2012 to October 2016	<ul style="list-style-type: none"> Emergency Management Plans Evacuation Plans Pre Incident Response Plans CFA and Worksafe inspections Written advice 	<ul style="list-style-type: none"> Maintenance and testing of fire safety equipment Emergency procedures for dangerous goods fire, spills and leaks Correct signage and labelling of Testing and exercising of Emergency Management Plans 	<ul style="list-style-type: none"> All agencies and individuals to regularly evaluate preparation and readiness to respond to fire. Measurable reduction of impact on hazardous materials incidents

Table 16 Hazardous Material Incident - Preparedness Fire Risk Management Strategy

Regulatory Controls

Objectives	Timeframe	Agency Treatments	Community / Individual Treatments	Outcome
To implement regulation aimed to reducing risk and impact of hazardous materials incidents.	For the Plan duration – October 2012 to October 2016	<ul style="list-style-type: none"> ▪ Planning schemes ▪ Building codes ▪ Comply with legislation ▪ Appropriate training for chemical use and handling ▪ Environmental Protection Authority referrals to CFA 	<ul style="list-style-type: none"> ▪ Comply with legislation and regulations ▪ Seek written advice where appropriate 	<ul style="list-style-type: none"> ▪ Compliance with regulatory controls. ▪ Appropriate industrial development

Table 17 Hazardous Materials Incident - Regulatory Controls Fire Risk Management Strategy

5.2 Community Information Guides

A key recommendation from the Interim 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 guides 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 within Horsham Rural City Council 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 (NSPs – PLR) are an area or premises 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 NSPs – PLR within Horsham Rural City Municipality can be found in Appendix C.3 – NSPs – PLR.

5.4 Strategic Fire Breaks

To create a consistent approach of treatments and understanding across the region the following definitions have been used in the mapping of strategic fire breaks across the Municipality. Many other roads across the Municipality have works carried out by council, agencies and brigades which no longer show on these maps; however this work is still an integral part of fire management across the Municipality.

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.

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 Bushfire Risk Assessment Guidelines August 2011.

CFA Brigade Fire Prevention Works Fire CFA Brigade fire prevention 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

Horsham Rural City Municipality does not have any designated Community Fire Refuges.

5.6 Individual Bushfire Risk Treatments

Amendments made to the Victorian Planning Provisions in November 2011 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
- any vegetation either side of their property boundary fence to a combined maximum width of 4 metres (with the consent from 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:

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

5.6.2 Permit to Burn

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 Council under authority of the CFA Act. These permits contain stringent conditions that must be complied with.

Further information may be obtained from Horsham Rural City Council's website www.hrcc.vic.gov.au

5.6.3 Inspection of Private Properties and Issue of Notices

Horsham Rural City Council conducts fire hazard inspections within the municipality, concentrating on high risk areas. Fire prevention notices are issued on land considered to be a fire risk.

5.6.4 Planning Permits

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

- Planning Guidelines for Subdivisions in bushfire-prone areas
- Building in a Bushfire Management Overlay – Guidance Notes – CFA and Department of Planning & Community Development
- Australian Standard 3959, 2009 – Construction of Buildings in Bushfire Prone Areas
- Bushfire Management Overlay – Horsham Rural City Council Planning Scheme
- Other relevant documentation

5.7 Cross Boundary Arrangements

The Horsham Rural City Council 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.

Horsham Rural City Council shares borders with Northern Grampians, Southern Grampians, West Wimmera, Hindmarsh and Yarriambiack municipalities. It is the shared responsibility of these MFMP'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 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 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 Horsham Rural City Municipality area includes:

Risk	Adjacent Municipality	Strategy
Dadswells Bridge	Northern Grampians Shire	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.
Glenelg River	Southern Grampians Shire	
Grampians National Park	Northern Grampians Shire	
	Southern Grampians Shire	
Little Desert National Park	West Wimmera Shire	
	Hindmarsh Shire	
Rocklands Reservoir	Southern Grampians Shire	
Wimmera River	Northern Grampians Shire	
	Hindmarsh Shire	

Table 18 Horsham Rural City Municipality 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.

6 Plan Reporting, Review and Improvement

6.1 Legislative Responsibilities

Horsham Rural City Council has a legislative responsibility under the Emergency Management Act to develop a MEMPC and under the CFA Act, to develop and implement a MFPP. The MFMP is a sub plan of the MEMPC and is prepared by the MFMPCC.

For councils, wholly or partly within the country area of Victoria, the MFMP 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 Horsham Rural City Council MFMPCC is the custodian of the MFMP pursuant to current legislative arrangements.

The MFMPCC shall draft a MFMP and seek approval of the draft plan from the committee. Where appropriate, non-committee members with responsibilities and accountabilities under the plan can also be sought for approval.

After appropriate stakeholder and community consultation and engagement, including perusal by the Grampians RSFMPCC, the plan will be endorsed through a formal motion by the Horsham Rural City Council MFMPCC in a meeting at which the Chair of the committee will sign on behalf of all members of the Horsham Rural City Council MFMPCC.

The Horsham Rural City Council MFMPCC will then forward the MFMP to the Horsham Rural City Council MEMPC for endorsement.

The plan will then be recommended to the Horsham Rural City Council for consideration and adoption

6.3 Plan Reporting

Each MFMPCC 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 RSFMPCC for further action.

A process and supporting tool for agencies to report back into their respective MFMPCC against the actions contained within each MFMP's Appendix B.1 (Multi Agency Bushfire Work Plan Audit Sheet) has been developed.

This initiative is currently being trailed by MFMPCCs in Grampians region to determine suitability and relevance.

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

6.4 Plan Audit

For councils wholly or partly within the country area of Victoria, the MFMP will be audited under Section 55B of the CFA Act. This audit will be undertaken on a 3 yearly cycle from adoption of the plan.

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.

7 Appendices

7.1 Municipal Fire Management Plan treatment definitions

Treatment Overview

TREATMENT NAME	TREATMENT DEFINITION	RESPONSIBLE AGENCY	TREATMENT NUMBER
COMMUNITY EDUCATION (100 SERIES)			
Community Education/Engagement	Bushfire education, engagement and training programs targetted at numerous community groups including school children, elderly, employees, and businesses.		
		CFA	100
		LGA	101
		DEECD	102
		Utility	103
		MFB	121
Agricultural Management	Agriculture bushfire management and safety issues for landowners/managers to assist in the preparation of property fire management plans.		
		CFA	104
		CFA; DEPI	105
Community Fire Guard	A CFA key engagement strategy, community development program to help reduce the loss of lives and homes in bushfires.		
		CFA	106
Fire Ready Victoria	Assists in perception and understanding bushfire risk.		
		CFA	107
Public Awareness	Fire information through notice boards, brochures, signage etc to raise awareness of fire risk.		
		POWERCOR	108
		CFA	109
		LGA	110
		PV	118
		Other	120
		MFB	122
		DEPI	124
Tourism Fire Awareness	Community education and information for tourists about Bushfire risk in the area.		
		CFA	111
		DEPI; PV	112
		LGA	113
		PV	114
		Tourism Victoria	117
Multicultural/ Special Needs Engagement	Translations of campaigns to suite all multicultural and special needs persons.		
		LGA	115
		CFA	116
		MFB	123

HAZARD REDUCTION (200 SERIES)			
Burn Program	Removal of selected vegetation in large patches		
		LGA	201
		CFA; DEPI; PV	202
		Utility	233
		DEPI; PV	231
Crown and Freehold Land Fuel Reduction	Reducing fuel loads on crown land and freehold land		
		DEPI	203
		PV	204
		Utility	234
		DPCD	230
Fuel Hazard Management	Modification of vegetation: Altering vegetation structure and/or separation distance between asset and fuel load		
		Other	205
		Utility	206
		LGA	207
		CFA	208
		PV	232
Routine Maintenance of Rail Line	Removal of vegetation on and around rail lines to ensure protection of assets, minimise ignition potential, and ensure adequate access and egress.		
		Utility	209
		DOT	210
		CFA	211
Routine Asset Site Maintenance	Ongoing mowing/ slashing/ spraying of sites to reduce fuel loads for protection of assets or adjoining properties.		
		Other	212
		DEECD	213
		Utility	214
		DEPI; PV	215
		LGA	216
Asset Protection Zones	Buffer zone between bushfire hazard and the asset.		
		DEPI	227
Fire Management Zones	To provide areas of sufficient width to reduce the spread of Bushfire.		
		DEPI	217
		Other	228
		LGA	229
Powerline Clearance	Vegetation management around powerlines.		
		LGA	218
		POWERCOR	219
		SPAusnet	220
		TELSTRA	221
Roadside Vegetation Management	Removal of vegetation along roadsides.		
		LGA	222
		VicRoads	223
		DEPI; PV	224
		Other	225
		Private	226

IGNITION MANAGEMENT (300 SERIES)			
Operations Restrictions	Operation of machinery restricted on elevated fire weather days		
		HVP PLANTATIONS	300
		Utility	
Patrol/ Inspection	Inspections of assets to ensure compliance with regulations and safety requirements and to assess for fire hazards.		
		LGA	303
		CFA	304
		DEPI	305
		MFB	306
		PV	307
		VIC POL	309
Pre Summer Inspections	Inspections of land holders according to Bushfire risk over the summer season including exit routes, locks, gates etc.		
		Water Authority	308

PREPAREDNESS (400 SERIES)			
Hazard Identification	Preparedness including risk ratings, inspections, maintenance and response arrangements.		
		Utility	401
		Water Authority	439
Fire Protection Plan	Fire Protection Plans are prepared to ensure that proper and sufficient works for Bushfire prevention and suppression activities are taking place.		
		Other	400
		CFA	402
		PV	403
		DHS	426
		SPAusnet	427
		GOULBURN MURRAY WATER	428
		DEPARTMENT OF DEFENCE	429
		MELBOURNE WATER	431
		HVP PLANTATIONS	437
		DEPI	444
Fire Plug and Hydrant Installation and Maintenance	Works carried out to ensure that the system will operate correctly when required to do so.		
		LGA	404
Emergency Water Supply	Emergency water supply and maintenance for fire fighting purposes, including water catchments and policy		
		Government Agencies	405
		DEPI	411
		LGA	412
		MELBOURNE WATER	430
		Other	440

Emergency Management Plan (Site)	Established framework for the effective handling of emergencies and/ or disaster.		
		Utility	406
		DEECD	407
		CFA	408
		Other	409
		LGA	410
		PV	442
Fire Access Roads and Tracks	Establishment of constructed and maintained roads, bridges and tracks to allow safe passage for firefighting vehicles.		
		LGA	413
		CFA	414
		PV	415
		DEPI	416
		Utility	445
		MELBOURNE WATER	443
Traffic Diversion Plans	Establishment of an appropriate traffic flow, through traffic management in the community and appropriate access and egress for property and business owners.		
		VIC POL	417
		VIC ROADS	418
		LGA	419
Township Protection Plans	Planned response (for both emergency services and the community) to a bushfire within close proximity to a township, which has the potential to impact on the local community.		
		CFA	420
Fire Operations Plan	Proposed fire prevention activities.		
		DEPI	423
		Utility	446
Public Land Management Plans	Each year a statewide program of activities is planned, completed and evaluated to continue progress towards achieving natural values objectives.		
		DEPI; PV	424
		LGA	441
Community Activities/Planning	Local based planning/community groups who repair and manage natural resources for the event of a bushfire		
		DEECD	421
		LGA	422
		Community Groups	425
		CFA	433
Event Management Plan	Emergency management planning of events that occur in the Fire Danger Period (FDP)		
		LGA	432
Fire Refuge	A declared fire refuge for the use as a last resort under direct fire attack		
		Other	435
		LGA	436
Bushfire and Emergency Self Assessment	Develop a more detailed understanding of the bushfire risk to your school.		
		DEECD	438

PROPERTY PLANNING (500 SERIES)			
Wildfire Management Overlay	Planning referral for new subdivisions, buildings and works that increase population. Applies conditions for access, Water Supply, Buildings/ Works and Vegetation Management		
		LGA	500
		Utility	502
Agreements	Acts and agreements for Rural Residential Areas		
		LGA	501
OTHER (700 SERIES)			
Asset Specific Treatments	Municipal Specific plan (details can be found in the VFRR Document)		
		All Agencies	700
TO BE IDENTIFIED (800 SERIES)			
To be identified	Treatments to be identified		
			800

This treatment list has been created from the input of mitigation works identified through the 'Implementation Stage' . The list has been modified to capture all works the VFRR Support Team are currently aware of. Due to agency identification the allocation of treatment numbers it set as per agency request and therefore if your agency has not been identified against a current mitigation treatment please contact the VFRR Support Team for input.

7.2 Appendix A.1 Multi Agency Bushfire Asset Risk Management Register

Risk Rating before treatments	Asset Description & ID Number	VFRR Asset Class	Existing treatments	Responsible Agency	comments / additional treatment recommendations
H	Brimpaen 34053 - Grassfire from north to south, bushfire out of Black Range on wind change	HS-O			
			Burn Program (202) Roadside Vegetation Management (222) & (223) Patrol Inspection (Fire Prevention Notices) (303) Routine Asset Site Maintenance (212) Emergency Water Supply (440)	CFA Vic Roads, Council Council Council	Vic Roads-Henty Hwy, Council-roadsides Wimmera Mallee Pipeline
M	Brimpaen Pump Station 3451793	EC-I	Routine Asset Site Maintenance (212) Site Emergency Management Plan (409)	GWMWater GWMWater	
H	Clear Lake 34042 - Grassfire from north and west. Scrub from south-west	HS-O			
			Burn Program (202) Roadside Vegetation Management (222) & (224) Patrol Inspection (Fire Prevention Notices) (303) Fire Access Tracks & Roads (415) & (416) Emergency Water Supply (440)	DEPI/PV Council/DEPI Council DEPI/PV	planned burn program in Jilpanger Nature Conservation Reserve Council-roadsides, DEPI foreshore of lake as per Appendix E2 and Jilpanger NCR Wimmera Mallee Pipeline

VH	Dadswells Bridge 34054 - Grassfire from north to west and east, bushfire from north-west to south	HS-O			
			Roadside Vegetation Management (222) & (223) Routine Asset Site Maintenance (216) Patrol Inspection (Fire Prevention Notices) (303) Fire Management Zones (217) Fire Access Tracks & Roads (416) & (417)	VicRoads/Council Council Council DEPI DEPI/PV	roadsides; Strategic Breaks recommended Community Education & Engagement Activities recommended
VH	Dadswells Bridge Caravan Park 34027	HS-SFP	Routine Asset Site Maintenance (212)	Owner	
M	Dadswells Bridge PH Correction PRV Station	EC-I	Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)	GWMWater GWMWater	
M	Dooen 34041 - Grassfire from north to south	HS-O			
			Burn Program (202) Roadside Vegetation Management (222) & (223) Patrol Inspection (Fire Prevention Notices) (303) Emergency Water Supply (440) (404)	CFA VicRoads/Council Council CFA/Council	roadsides Wimmera Mallee Pipeline
H	Haven 34012 - Grassfire from any direction is likely	HS-R			
			Routine Asset Site Maintenance (216) Patrol Inspection (Fire Prevention Notices) (303) Fire Access Tracks & Roads (416) Roadside Vegetation Management (222) Fire Plug & Hydrant Installation and Maintenance (404)	Council Council DEPI Council CFA, Council	
H	Haven PS 34017	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (407)	DET DET DET	

VH	Horsham College McKenzie Creek Annex 34016	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (407)	DET DET DET	
H	Karkana Disability Services 34028	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (212) Site Emergency Management Plan (409)	Wimmera Uniting Care Wimmera Uniting Care Wimmera Uniting Care	
M	Horsham WTP 3451809	EC-I	Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)	GWMWater GWMWater	
L	Horsham CBD 34046 - unlikely for fire to reach	HS-R			
			Routine Asset Site Maintenance (216) Roadside Vegetation Management (222) Fire Plug and Hydrant Installation and Maintenance (404) NSP-PLR-Sawyer Park	Council Council Council Council	
	ABC Developmental Learning Centre- Horsham 3450544	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (409)	DET DET DET	
	Bennett RD Kindergarten 3450542	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (409)	HDKA HDKA HDKA	
	Horsham Aquatic Centre 3450545	HS-SFP	Routine Asset Site Maintenance (216)	Council	

	Horsham 298 PS OSHC 3450553	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (409)	DET DET DET	
	Natimuk RD Kindergarten 3450539	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (407)	HDKA HDKA HDKA	
	Robert's AVE Kindergarten 3450546	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (409)	HDKA HDKA HDKA	
	Horsham Uniting Church Crèche 3450547	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (409)	Wimmera Uniting Care Wimmera Uniting Care Wimmera Uniting Care	
	Horsham Community Child Care Centre 3450548	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (409)	DET DET DET	
L	Lutheran PS 34020	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (409)	DET DET DET	
	St Brigid's College 3450551	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (409)	DET DET DET	

	St Michael and St John's School 3450549	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (409)	DET DET DET	
	Horsham PS 3450552	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (409)	DET DET DET	
	University Early Learning Centre 3450554	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (409)	DET DET DET	
	Horsham Theatre 34603	CH-NI	Routine Asset Site Maintenance (212)	Owner	Victorian Heritage Register
H	Horsham Weir 34250	EC-I	Routine Asset Site Maintenance (212)	Council	
	Wimmera Stock Bazaar 34601	CH-NI			Victorian Heritage Register
H	Horsham Interface 34010 - Grassfire from north to west likely	HS-R			
			Routine Asset Site Maintenance (216) Roadside Vegetation Management (222) Fire Access Tracks & Roads (413) Patrol Inspection (Fire Prevention Notices) (303) Fire Plug and Hydrant Installation and Maintenance (404) Static Water Supply NSP-PLR	Vic Roads, Council Council Council Council CFA, Council Council Council	Osborne St, Plumpton Rd, Police Paddocks Sawyer Park
H	Horsham North PS 34031	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance(213) Site Emergency Management Plan (409)	DET DET DET	

	Horsham North Kindergarten 3450550	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (409)	DET DET DET	
	Horsham College 34505541	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (409)	DET DET DET	
L	Horsham Special Development School 34030	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (409)	DET DET DET	
H	Horsham West PS 34029	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (409)	DET DET DET	
L	Horsham Aerodrome 34215	EC-I	Site Emergency Management (410) Routine Asset Site Maintenance (216)	Council Council	
M	Horsham South 34011 - likelihood of grassfire from the west to the south-west	HS-R			
			Routine Asset Site Maintenance (216) Roadside Vegetation Management (222) & (223) Patrol Inspection (Fire Prevention Notices) (303) Fire Access Tracks & Roads (413) Patrol Inspection (Fire Prevention Notices) (303) Fire Plug and Hydrant Installation and Maintenance (404)	Council Council & Vic Roads Council Vic Roads, Council Council CFA, Council	Council-river frontage, Vic Roads- Western Hwy as per Appendix E2

	Green Park Casuarina Kindergarten 3450540	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (409)	DET DET DET	
H	Wimmera Lakes Caravan Park	HS-SFP	Burn Program (202) Routine Asset Site Maintenance (212) Site Emergency Management Plan (409)	CFA Lease holder Lease holder	brigade around the back
M	Horsham Industrial Precinct 34262	EC-C	Burn Program (202)	CFA	brigade on "as needed" basis to reduce fine fuels Johnson, Wool Factory and several small blocks
L	Horsham Regional Livestock Exchange 34207	EC-C	Roadside Vegetation Management (222) Routine Asset Site Maintenance (216) Site Emergency Management Plan (410) Static Water Supply	Council Council Council Council	10 tanks and dams on site
H	Jung 34055 - Grassfire from north to south	HS-O			
			Burn Program (202)	CFA	brigade works around Rec Reserve, railway line and back of township
			Roadside Vegetation Management (222) Patrol Inspection (Fire Prevention Notices) (303)	Council Council	roadsides
			Routine Asset Site Maintenance (216) Routine Maintenance of Rail Line (209) Emergency Water Supply (440)	Council Vic Track	roadsides Vic Track-slashing and spraying
L	Jung Water Pumping Station 34222		Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)	GWMWater GWMWater	

M	Laharum South 34049 - grassfire from north to south, bushfire out of Grampians National Park	HS-O			
			Roadside Vegetation Management (222) Emergency Water Supply (440)	Council	Community Education Programs recommended Wimmera Mallee Pipeline
H	Laharum Preschool 34032	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Operations Restrictions Site Emergency Management Plan (212)	HDKA DET DET HDKA	closed on Code Red Days
H	Laharum PS 34033	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Operations Restrictions Site Emergency Management Plan (407)	DET DET DET	closed on Code Red Days
VH	Laharum Bore 34224	EC-I	Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)	GWMWater GWMWater	
M	Laharum Bore's 3451795	EC-I	Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)	GWMWater GWMWater	
E	Mt Zero Water Treatment Plant 34223	EC-I	Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)	GWMWater GWMWater	
VH	Distribution Heads 34245	EC-I	Routine Asset Site Maintenance (214) Fire Access Tracks & Roads (416)	GWMWater DEPI	

M	Natimuk 34001 - Grassfire from north to west	HS-R			
			Routine Asset Site Maintenance (216) & (215) Fire Access Tracks & Roads (413) & (416) Patrol Inspection (Fire Prevention Notices) (303) Strategic Breaks Fire Plug and Hydrant Installation and Maintenance (404) NSP-PLR - Natimuk Showgrounds	Council, DEPI Council, DEPI Council Council CFA, Council Council	along the creek as per Appendix E2 Berry Lane, Wyn Wyn Rd, J Sudholz Rd
H	Natimuk Lake Caravan Park 34023	HS-SFP	Routine Asset Site Maintenance (212) Site Emergency Management Plan (409)	Lease holder Lease holder	
L	Natimuk PS 34015	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (407)	DET DET DET	
	Natimuk Preschool 3450538	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (407)	DET DET DET	
M	Natimuk PH Correction PRV Station 3451801	EC-I	Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)	GWMWater GWMWater	
H	Natimuk Trunk Main PRV's 3451802	EC-I	Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)	GWMWater GWMWater	
H	West Wimmera Health Service Natimuk Precinct 34022	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (212) Site Emergency Management Plan (409)	West WHS West WHS West Wimmera Health Service	

E	Mt Arapiles Camping Ground 34036		<p>Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (215)</p> <p>Operations Restrictions Site Emergency Management Plan (409) Fire Access Tracks & Roads (415) & (416) Static Water Supply</p> <p>Compliance Enforcement of Legislation</p>	<p>PV DEPI/PV</p> <p>PV PV DEPI/PV PV</p> <p>PV</p>	<p>Campground closed on Code Red Days Little Desert-Lowan E M Plan</p> <p>Tank no wood fires between November and April</p>
VH	Mt Arapiles Summit Rd 34260	EC-I	<p>Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (215)</p> <p>Operations Restrictions</p> <p>Site Emergency Management Plan (409) Fire Access Tracks & Roads (415) & (416)</p>	<p>PV DEPI/PV</p> <p>PV</p> <p>PV DEPI/PV</p>	<p>road closed on Code Red Days</p> <p>Little Desert-Lowan E M Plan</p>
M	Noradjuha 34037 - grassfire from any direction	HS-O			
			<p>Roadside Vegetation Management (222) Routine Asset Site Maintenance (216) Patrol Inspection (Fire Prevention Notices) (303) Emergency Water Supply (440)</p>	<p>Council Council Council</p>	<p>roadsides roadsides</p> <p>Wimmera Mallee Pipeline</p>
H	Noradjuha PRV control valve station 2 3451798	EC-I	<p>Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)</p>	<p>GWMWater GWMWater</p>	
H	Noradjuha control valve station 1 3451800	EC-I	<p>Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)</p>	<p>GWMWater GWMWater</p>	

M	Pimpinio 34044 - grassfire from north to south	HS-O			
			Roadside Vegetation Management (222) Routine Asset Site Maintenance (216) Patrol Inspection (Fire Prevention Notices) (303) Emergency Water Supply (440) (404)	Council Council Council CFA/Council	roadsides roadsides
L	Pimpinio Water Pumping Station 34218	EC-I	Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)	GWMWater GWMWater	
H	Quantong 34040 - grassfire from north to south	HS-O			
			Roadside Vegetation Management (222) Routine Asset Site Management (216) Patrol Inspection (Fire Prevention Notices) (303) Emergency Water Supply (440) (404)	Council Council Council CFA/Council	roadsides and behind reservoir Wimmera Mallee Pipeline
M	Quantong Flood Warning Gauge 34233		Routine Asset Site Maintenance (212)	DELWP	
H	Riverheights 34008 - grassfire from north to north-west likely	HS-R			
			Routine Asset Site Maintenance (216) Roadside Vegetation Management (222) Routine Maintenance of Rail Line (209) Patrol Inspection (Fire Prevention Notices) (303) Static Water Supply	Council Council Vic Track Council Council	grading on railway line tanks and river
H	Longerenong Agriculture College 34043	HS-SFP	Routine Asset Site Maintenance (212) Site Emergency Management Plan (409)	Skill Invest Skill Invest	
L	Wimmera Machinery Field Days 34034	HS-SFP	Routine Asset Site Maintenance (212)		
M	Wimmera Machinery Field Days 34216	EC-TR	Routine Asset Site Maintenance (212)		

M	Longerenong Water Pumping Station 34221	EC-I	Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)	GWMWater GWMWater	
H	Riverside 34047 - fire from river escarpment likely	HS-R			
			Routine Asset Site Maintenance (216) & (215) Fire Access Tracks & Roads (413) & (416) Patrol Inspection (Fire Prevention Notices) (303) Emergency Water Supply (440) (404)	Council, DEPI Council, DEPI Council CFA, Council	roadsides
L	Horsham Electricity Terminal Station 34228	EC-I	Routine Asset Site Maintenance (214)		
H	Taylors Lake Water Pumping Station 34229	EC-I	Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)	GWMWater GWMWater	
M	Taylors Lake Outfall Channel 34255	EC-I	Routine Asset Site Maintenance (214) State Emergency Management Plan (406)	GWMWater GWMWater	
M	Toolondo 34040 - grassfire from north to south	HS-O			
			Roadside Vegetation Management (222) Routine Asset Site Maintenance (216) Patrol Inspection (Fire Prevention Notices) (303) Emergency Water Supply (440)	Council Council Council Council	roadsides roadsides Wimmera Mallee Pipeline
	Mt Talbot Homestead 34604	CH-NI			Victorian Heritage Register
VH	Toolondo Caravan Park 34024	HS-SFP	Routine Asset Site Maintenance (212) Site Emergency Management Plan (409)	Leaseholder Lease holder	

M	Toolondo Lake Outlet and Inlet Structure 3451792	EC-I	Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)	GWMWater GWMWater	
	Fulham 34605	CH-NI			Victorian Heritage Register
VH	Wartook Valley 34050 - 360 degree threat of grass and bushfire	HS-O			
			Community Education Programs (100) Burn Program (231) Roadside Vegetation Management (222) Fire Access Tracks & Roads (413) & (416) Bushfire Management Overlay	CFA DEPI/PV Council Council/DEPI Council	Community Fireguard & Fire Ready Victoria roadsides as per Appendix E2
	Wartook Pump Station 3451794	EC-I	Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)	GWMWater GWMWater	
H	Asses Ears Wilderness Lodge 34051	HS-SFP	Routine Asset Site Maintenance (212) Site Emergency Management Plan (409)	Owner Owner	
H	Wartook Scout Camp 34000	HS-SFP			
			Routine Asset Site Maintenance (212)	Scouts Australia	
H	Grelco Run 34052	HS-SFP			
			Routine Asset Site Maintenance (212)	Owner	
M	Wonwondah North 34048 - grassfire from any direction	HS-O			
			Burn Program (202) Roadside Vegetation Management (222) & (223) Fire Access Tracks & Roads (416) Emergency Water Supply (440)	CFA VicRoads/Council DEPI	brigade along creek and roadside; Vic Roads-Henty Hwy, Council-roadsides as per Appendix E2 & DEPI along creek Wimmera Mallee Pipeline

	Municipal Wide Assets				
	Grain Storage				
L	Silos and Grain Storage 34200	EC-C	Routine Asset Site Maintenance	Owner	
M	Moore Bulk Storage Grain Site 34264	EC-C			
	Railways				
VH	Western SG Rail Line 34212	EC-I	Other Fuel Hazard Management (incl. grazing)	Owner	slashing, grading, burning, sometimes contracted to CFA brigades
VH	Western SG Rail Line 34212	EC-I	Routine Asset Site Maintenance	ARTC	assessment made by ARTC based on freight
	Transmission Lines				
E	Horsham Zone Substation 34226	EC-I	Site Emergency Management Plan (406) Routine Asset Site Maintenance (214)	Power Cor Power Cor	
VH	horsham-horsham 66kV Transmission Line 2 34204	EC-I	Routine Asset Site Maintenance (214)	Owner	
VH	horsham-horsham 66kV Transmission Line 1 34205	EC-I	Routine Asset Site Maintenance (214)	Owner	
VH	horsham-charam 66kV Transmission Line 34206	EC-I	Routine Asset Site Maintenance (214)	Owner	
VH	horsham-stawell 66kV Transmission Line 2 34203	EC-I	Routine Asset Site Maintenance (214)	Owner	

H	HOTS-RCTS 220kV Transmission Line 34210	EC-I	Routine Asset Site Maintenance (214)	Owner	
H	carisbrook-horsham 66kV Transmission Line 34257	EC-I	Routine Asset Site Maintenance (214)	Owner	
H	BATS-HOTS 220kV Transmission Line 34211	EC-I	Routine Asset Site Maintenance (214)	Owner	
	Industry				
H	Cropping and Livestock Industry 34200	EC-A	Routine Asset Site Maintenance	Owner	
H	Speciality Plantations 34200	EC-A	Routine Asset Site Maintenance	Owner	
VH	Private and Public Plantations 34200	EC-CF	Routine Asset Site Maintenance	Owner	
M	Ilyka Douglas Mineral Sand Mines 34263	EC-Mine		radioactive storage	
	Communication Towers				
E	Telstra Communication Towers 34214	EC-I	Routine Asset Site Maintenance	Telstra	
	Major Roads				
VH	Wimmera Hwy 34209	EC-I	Roadside Vegetation Management (223) Routine Asset Site Maintenance (214)	Vic Roads Vic Roads	
VH	Henty Hwy north of Horsham 34261	EC-I	Roadside Vegetation Management (223) Routine Asset Site Maintenance (214)	Vic Roads Vic Roads	
VH	Henty Hwy south of Horsham 34256	EC-I	Roadside Vegetation Management (223) Routine Asset Site Maintenance (214)	Vic Roads Vic Roads	

VH	Western Hwy 34213	EC-I	Roadside Vegetation Management (223) Routine Asset Site Maintenance (214)	Vic Roads Vic Roads	
	Water Infrastructure				
L	Horsham PRV Control Valve Stations 3451810	EC-I	Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)	GWMWater GWMWater	
H	Grahams Bridge Rd PRV 3451797	EC-I	Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)	GWMWater GWMWater	
H	Nurrabiel PRV control valve station 3451799	EC-I	Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)	GWMWater GWMWater	
L	Horsham West Water Pumping Station 34220	EC-I	Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)	GWMWater GWMWater	
VH	Huddlestons Weir 34237	EC-I	Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)	GWMWater GWMWater	
VH	Morson's Pump Station 34518013	EC-I	Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)	GWMWater GWMWater	
	Flood Gauges				
M	Walmer Flood Water Gauge 34234	EC-I	Routine Asset Site Maintenance (215)	DELWP	
M	Wimmera Hwy Bridge and Flood Warning Station 34236		Routine Asset Site Maintenance (212)	DELWP	

M	Norton Creek Flow Gauge 34247	EC-I	Routine Asset Site Maintenance (215)	DELWP	
M	MacKenzie Creek Flood and Flow Gauge 34246	EC-I	Routine Asset Site Maintenance (215)	DELWP	
M	Drung Flood Warning Station 34235	EC-I	Routine Asset Site Maintenance	DELWP	
	Gas Infrastructure				
L	Horsham City Gas Gate 34227	EC-I	Routine Asset Site Maintenance (214)		

7.3 Appendix A.2 Structure Fire Risk Management Register

Risk Rating	Asset Sub Class and Definition & likely Scenario	Existing treatments	Responsible Agency	comments / additional treatment recommendations
L	Camps school, scout & tourist camps			
	fire starting within the structure and outbuildings	Emergency Management Plans Fire Sprinkler/Extinguisher Installation & Maintenance Staff Fire Awareness Training CFA Brigade Pre-Plans OHS Legislation Requirements		
L	Caravan Parks			
	fire starting within the caravan and outbuildings	Emergency Management Plans Fire Sprinkler/Extinguisher Installation & Maintenance Staff Fire Awareness Training CFA Brigade Pre-Plans OHS Legislation Requirements		
H	Critical Infrastructure - critical infrastructure locations - comms, water, gas, power, sewerage etc.			
	fire starting within the building	Monitored Fire Alarm Staff Fire Awareness Training Emergency Management Plans Fire Sprinkler/Extinguisher Installation &		

Risk Rating	Asset Sub Class and Definition & likely Scenario	Existing treatments	Responsible Agency	comments / additional treatment recommendations
		Maintenance CFA Brigade Pre-Plans		
M	Entertainment, Leisure & Conference Venues - tourist parks, swimming pools, public halls (Council & DELWP), sporting clubs, cinemas, gyms, performing art centres, showgrounds, racing precincts etc.			
	fire starting within the building	Emergency Management Plans as required Fire Sprinkler/Extinguisher Installation & Maintenance Staff Fire Awareness Training as required CFA Brigade Pre-Plans OHS Legislation Requirements Maintenance of Essential Services		
H	Heritage Listed and Locally Significant Structures - refer to Heritage Overlay, National Trust and Heritage Victoria			
	fire starting within the building	Staff Fire Awareness Training as required Emergency Management Plans as required Fire Sprinkler/Extinguisher Installation & Maintenance CFA Brigade Pre-Plans		

Risk Rating	Asset Sub Class and Definition & likely Scenario	Existing treatments	Responsible Agency	comments / additional treatment recommendations
H	Hospitals and Medical Centres			
	fire starting within the building	Emergency Management Plans Fire Sprinkler/Extinguisher Installation & Maintenance CFA Brigade Pre-Plans Staff Fire Awareness Training DHHS Accreditation		
L	Hotels / Night Clubs			
	fire starting within the building	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		
H	Industrial - manufacturing, processing, quarries, mines, freight & transport centres etc.			
	fire starting within the building	Monitored Fire Alarm Staff Fire Awareness Training Emergency Management Plan Fire Sprinkler/Extinguisher Installation & Maintenance CFA Brigade Pre-Plans		

Risk Rating	Asset Sub Class and Definition & likely Scenario	Existing treatments	Responsible Agency	comments / additional treatment recommendations
H	Infrastructure - minor infrastructure locations - comms, water, gas, power, sewerage, train station, airport etc.			
	fire starting within the building	Monitored Fire Alarm Staff Fire Awareness Training Emergency Management Plans Fire Sprinkler/Extinguisher Installation & Maintenance CFA Brigade Pre-Plans		
M	Institutions - kindergartens & childcare facilities, primary, secondary & special schools, universities, neighbourhood houses, religious centres, government buildings, community group facilities			
	fire starting within the building	Monitored Fire Alarm JFAIP Program Staff Fire Awareness Training Fire Sprinkler/Extinguisher Installation & Maintenance CFA Brigade Pre-Plans School Education Programs OHS Legislation Requirements		

Risk Rating	Asset Sub Class and Definition & likely Scenario	Existing treatments	Responsible Agency	comments / additional treatment recommendations
		Emergency Management Plans Maintenance of Essential Services as required		
H	Interface Living - rural/residential dwellings in interface areas fire starting within the residence and outbuildings	JFAIP Program School Education Programs		
M	Motels and other Accommodation - backpackers, guest houses, boarding houses, special accommodation including assisted accommodation fire starting within the residence and outbuildings	Monitored Fire Alarm Fire Sprinkler/Extinguisher Installation & Maintenance CFA Brigade Pre-Plans OHS Legislation Requirements Maintenance of Essential Services		
H	Retail/Business - joined or contiguous structures - strip shopping areas & shopping centres fire starting within/spreading from adjoining building	Monitored Fire Alarm Staff Fire Awareness Training		

Risk Rating	Asset Sub Class and Definition & likely Scenario	Existing treatments	Responsible Agency	comments / additional treatment recommendations
		Emergency Management Plans Fire Sprinkler/Extinguisher Installation & Maintenance CFA Brigade Pre-Plans		
H	Retail/Business - separate structures fire starting within/spreading from adjoining building	Monitored Fire Alarm Staff Fire Awareness Training Emergency Management Plans Fire Sprinkler/Extinguisher Installation & Maintenance CFA Brigade Pre-Plans		
H	Rural Living - dwellings and structures in rural areas fire starting within the residence and outbuildings	JFAIP Program School Education Programs		
H	Special Care Facilities - day care centres & nursing homes, hostels/hospices etc. fire starting within the building	Emergency Management Plans Fire Sprinkler/Extinguisher Installation & Maintenance CFA Brigade Pre-Plans Staff Fire Awareness Training CFA Brigade Pre-Plans		

Risk Rating	Asset Sub Class and Definition & likely Scenario	Existing treatments	Responsible Agency	comments / additional treatment recommendations
H	Urban Living - residential dwellings in urban areas.			
	fire starting within the residence and outbuildings	JFAIP Program School Education Programs		

7.4 Appendix A.3 Hazardous Materials Incident Risk Management Register

Risk Rating	Asset Sub Class and Definition & likely Scenario	Existing treatments	Responsible Agency	comments / additional treatment recommendations
L	Camps school, scout & tourist camps			
	chemical spill	Staff Fire Awareness Training Emergency Management Plans Compliance Enforcement of Legislation CFA Brigade Pre-Plans OH&S Legislations		
L	Caravan Parks			
	chemical spill	Staff Fire Awareness Training Emergency Management Plans Compliance Enforcement of Legislation CFA Brigade Pre-Plans OH&S Legislations		
H	Critical Infrastructure - critical infrastructure locations - comms, water, gas, power, sewerage etc.			
	chemical spill	Staff Fire Awareness Training Emergency Management Plans Compliance Enforcement of Legislation CFA Brigade Pre-Plans OH&S Legislations		

Risk Rating	Asset Sub Class and Definition & likely Scenario	Existing treatments	Responsible Agency	comments / additional treatment recommendations
H	Entertainment, Leisure & Conference Venues - tourist parks, swimming pools, public halls (Council & DELWP), sporting clubs, cinemas, gyms, performing art centres, showgrounds, racing precincts etc.			
	chemical spill	Staff Fire Awareness Training Emergency Management Plans Compliance Enforcement of Legislation CFA Brigade Pre-Plans OH&S Legislations		
V H	Flora and Fauna, Land, Water and Air quality			
	chemical spill	Staff Fire Awareness Training Emergency Management Plans Compliance Enforcement of Legislation CFA Brigade Pre-Plans OH&S Legislations		
L	Heritage Listed and Locally Significant Structures - refer to Heritage Overlay, National Trust and Heritage Victoria			
	chemical spill	Staff Fire Awareness Training Emergency Management Plans Compliance Enforcement of		

Risk Rating	Asset Sub Class and Definition & likely Scenario	Existing treatments	Responsible Agency	comments / additional treatment recommendations
		Legislation CFA Brigade Pre-Plans OH&S Legislations		
H	Hospitals and Medical Centres chemical spill	Staff Fire Awareness Training Emergency Management Plans Compliance Enforcement of Legislation CFA Brigade Pre-Plans OH&S Legislations		
L	Hotels / Night Clubs chemical spill	Staff Fire Awareness Training Emergency Management Plans Compliance Enforcement of Legislation CFA Brigade Pre-Plans OH&S Legislations		
M	Industrial - manufacturing, processing, quarries, mines, freight & transport centres etc. chemical spill	Staff Fire Awareness Training Emergency Management Plans Compliance Enforcement of Legislation CFA Brigade Pre-Plans OH&S Legislations		

Risk Rating	Asset Sub Class and Definition & likely Scenario	Existing treatments	Responsible Agency	comments / additional treatment recommendations
M	Infrastructure - minor infrastructure locations - comms, water, gas, power, sewerage, train station, airport etc.			
	chemical spill	Staff Fire Awareness Training Emergency Management Plans Compliance Enforcement of Legislation CFA Brigade Pre-Plans OH&S Legislations		
H	Institutions - kindergartens & childcare facilities, primary, secondary & special schools, universities, neighbourhood houses, religious centres, government buildings, community group facilities			
	chemical spill	Staff Fire Awareness Training Emergency Management Plans Compliance Enforcement of Legislation CFA Brigade Pre-Plans OH&S Legislations		
L	Interface Living - rural/residential dwellings in interface areas			
	chemical spill	Staff Fire Awareness Training Emergency Management Plans Compliance Enforcement of Legislation		

Risk Rating	Asset Sub Class and Definition & likely Scenario	Existing treatments	Responsible Agency	comments / additional treatment recommendations
		CFA Brigade Pre-Plans OH&S Legislations		
L	Motels and other Accommodation - backpackers, guest houses, boarding houses, special accommodation including assisted accommodation chemical spill			
		Staff Fire Awareness Training Emergency Management Plans Compliance Enforcement of Legislation CFA Brigade Pre-Plans OH&S Legislations		
L	Retail/Business - joined or contiguous structures - strip shopping areas & shopping centres chemical spill			
		Staff Fire Awareness Training Emergency Management Plans Compliance Enforcement of Legislation CFA Brigade Pre-Plans OH&S Legislations		
M	Retail/Business - separate structures chemical spill			
		Staff Fire Awareness Training Emergency Management Plans Compliance Enforcement of Legislation CFA Brigade Pre-Plans		

Risk Rating	Asset Sub Class and Definition & likely Scenario	Existing treatments	Responsible Agency	comments / additional treatment recommendations
		OH&S Legislations		
L	Rural Living - dwellings and structures in rural areas			
	chemical spill	Staff Fire Awareness Training Emergency Management Plans Compliance Enforcement of Legislation CFA Brigade Pre-Plans OH&S Legislations		
M	Special Care Facilities - day care centres & nursing homes, hostels/hospices etc.			
	chemical spill	Staff Fire Awareness Training Emergency Management Plans Compliance Enforcement of Legislation CFA Brigade Pre-Plans OH&S Legislations		
H	Transport - rail, marine, road, air			
	chemical spill	Staff Fire Awareness Training Emergency Management Plans Compliance Enforcement of Legislation CFA Brigade Pre-Plans OH&S Legislations		
L	Urban Living - residential dwellings in urban areas			
	chemical spill	Staff Fire Awareness Training		

Risk Rating	Asset Sub Class and Definition & likely Scenario	Existing treatments	Responsible Agency	comments / additional treatment recommendations
		Emergency Management Plans Compliance Enforcement of Legislation CFA Brigade Pre-Plans OH&S Legislations		

7.5 Appendix B.1 Multi Agency Bushfire Work Plan Audit Sheet

Risk Rating	Asset Description & ID Number	VFRR Asset Class	Existing treatments	Responsible Agency	date completed	comments
H	Brimpaen 34053 - Grassfire from north to south, bushfire out of Black Range on wind change	HS-O				
			Burn Program (202) Roadside Vegetation Management (222) & (223) Patrol Inspection (Fire Prevention Notices) (303) Routine Asset Site Maintenance (212) Emergency Water Supply (440)	CFA Vic Roads, Council Council Council		
M	Brimpaen Pump Station 3451793	EC-I	Routine Asset Site Maintenance (212) Site Emergency Management Plan (409)	GWMWater GWMWater		
H	Clear Lake 34042 - Grassfire from north and west. Scrub from south-west	HS-O				
			Burn Program (202) Roadside Vegetation Management (222) & (224) Patrol Inspection (Fire Prevention Notices) (303) Fire Access Tracks & Roads (415) & (416) Emergency Water Supply (440)	DEPI/PV Council/DEPI Council DEPI/PV		

VH	Dadswells Bridge 34054 - Grassfire from north to west and east, bushfire from north-west to south	HS-O				
			Roadside Vegetation Management (222) & (223) Routine Asset Site Maintenance (216) Patrol Inspection (Fire Prevention Notices) (303) Fire Management Zones (217) Fire Access Tracks & Roads (416) & (417)	VicRoads/Council Council Council DEPI DEPI/PV		
VH	Dadswells Bridge Caravan Park 34027	HS-SFP				
			Routine Asset Site Maintenance (212) Site Emergency Management Plan (409)	Owner Owner		
M	Dadswells Bridge PH Correction PRV Station	EC-I				
			Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)	GWMWater GWMWater		
M	Dooen 34041 - Grassfire from north to south	HS-O				
			Burn Program (202) Roadside Vegetation Management (222) & (223) Patrol Inspection (Fire Prevention Notices) (303) Emergency Water Supply (440) (404)	CFA VicRoads/Council Council CFA/Council		
H	Haven 34012 - Grassfire from any direction is likely	HS-R				
			Routine Asset Site Maintenance (216) Patrol Inspection (Fire Prevention Notices) (303) Fire Access Tracks & Roads (416)	Council Council DEPI		

			Roadside Vegetation Management (222) Fire Plug & Hydrant Installation and Maintenance (404)	Council CFA, Council		
H	Haven PS 34017	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (407)	DET DET DET		
VH	Horsham College McKenzie Creek Annex 34016	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (407)	DET DET DET		
H	Karkana Disability Services 34028	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (212) Site Emergency Management Plan (409)	Wimmera Uniting Care Wimmera Uniting Care Wimmera Uniting Care		
M	Horsham WTP 3451809	EC-I	Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)	GWMWater GWMWater		
L	Horsham CBD 34046 - unlikely for fire to reach	HS-R				
			Routine Asset Site Maintenance (216) Roadside Vegetation Management (222) Fire Plug and Hydrant Installation and Maintenance (404) NSP-PLR-Sawyer Park	Council Council Council Council		
	ABC Developmental Learning Centre-Horsham 3450544	HS-SFP				

			Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (409)	DET DET DET		
	Bennett RD Kindergarten 3450542	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (409)	HDKA HDKA HDKA		
	Horsham Aquatic Centre 3450545	HS-SFP	Routine Asset Site Maintenance (216)	Council		
	Horsham 298 PS OSHC 3450553	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (409)	DET DET DET		
	Natimuk RD Kindergarten 3450539	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (407)	HDKA HDKA HDKA		
	Robert's AVE Kindergarten 3450546	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (409)	HDKA HDKA HDKA		
	Horsham Uniting Church Crèche 3450547	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (409)	Wimmera Uniting Care Wimmera Uniting Care Wimmera Uniting Care		
	Horsham Community Child Care Centre	HS-SFP				

	3450548		Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (409)	DET DET DET		
L	Lutheran PS 34020	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (409)	DET DET DET		
	St Brigid's College 3450551	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (409)	DET DET DET		
	St Michael and St John's School 3450549	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (409)	DET DET DET		
	Horsham PS 3450552	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (409)	DET DET DET		
	University Early Learning Centre 3450554	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (409)	DET DET DET		
	Horsham Theatre 34603	CH-NI	Routine Asset Site Maintenance (212)	Owner		
H	Horsham Weir 34250	EC-I	Routine Asset Site Maintenance (212)	Council		

	Wimmera Stock Bazaar 34601	CH-NI				
H	Horsham Interface 34010 - Grassfire from north to west likely	HS-R				
			Routine Asset Site Maintenance (216) Roadside Vegetation Management (222) Fire Access Tracks & Roads (413) Patrol Inspection (Fire Prevention Notices) (303) Fire Plug and Hydrant Installation and Maintenance (404) Static Water Supply NSP-PLR	Vic Roads, Council Council Council Council CFA, Council Council Council		
H	Horsham North PS 34031	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance(213) Site Emergency Management Plan (409)	DET DET DET		
	Horsham North Kindergarten 3450550	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (409)	DET DET DET		
	Horsham College 34505541	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (409)	DET DET DET		

L	Horsham Special Development School 34030	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (409)	DET DET DET		
H	Horsham West PS 34029	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (409)	DET DET DET		
L	Horsham Aerodrome 34215	EC-I	Site Emergency Management (410) Routine Asset Site Maintenance (216)	Council Council		
M	Horsham South 34011 - likelihood of grassfire from the west to the south-west	HS-R				
			Routine Asset Site Maintenance (216) Roadside Vegetation Management (222) & (223) Patrol Inspection (Fire Prevention Notices) (303) Fire Access Tracks & Roads (413) Patrol Inspection (Fire Prevention Notices) (303) Fire Plug and Hydrant Installation and Maintenance (404)	Council Council & Vic Roads Council Vic Roads, Council Council CFA, Council		
	Green Park Casuarina Kindergarten 3450540	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (409)	DET DET DET		
H	Wimmera Lakes Caravan Park	HS-SFP				

			Burn Program (202) Routine Asset Site Maintenance (212) Site Emergency Management Plan (409)	CFA Lease holder Lease holder		
M	Horsham Industrial Precinct 34262	EC-C	Burn Program (202)	CFA		
L	Horsham Regional Livestock Exchange 34207	EC-C	Roadside Vegetation Management (222) Routine Asset Site Maintenance (216) Site Emergency Management Plan (410) Static Water Supply	Council Council Council Council		
H	Jung 34055 - Grassfire from north to south	HS-O				
			Burn Program (202) Roadside Vegetation Management (222) Patrol Inspection (Fire Prevention Notices) (303) Routine Asset Site Maintenance (216) Routine Maintenance of Rail Line (209) Emergency Water Supply (440)	CFA Council Council Council Vic Track		
L	Jung Water Pumping Station 34222		Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)	GWMWater GWMWater		
M	Laharum South 34049 - grassfire from north to south, bushfire out of Grampians National Park	HS-O				
			Roadside Vegetation Management (222) Emergency Water Supply (440)	Council		
H	Laharum Preschool 34032	HS-SFP				

			Bushfire and Emergency Self Assessment (438)	HDKA		
			Routine Asset Site Maintenance (213)	DET		
			Operations Restrictions	DET		
			Site Emergency Management Plan (212)	HDKA		
H	Laharum PS 34033	HS-SFP	Bushfire and Emergency Self Assessment (438)	DET		
			Routine Asset Site Maintenance (213)	DET		
			Operations Restrictions	DET		
			Site Emergency Management Plan (407)	DET		
VH	Laharum Bore 34224	EC-I	Routine Asset Site Maintenance (214)	GWMWater		
			Site Emergency Management Plan (406)	GWMWater		
M	Laharum Bore's 3451795	EC-I	Routine Asset Site Maintenance (214)	GWMWater		
			Site Emergency Management Plan (406)	GWMWater		
E	Mt Zero Water Treatment Plant 34223	EC-I	Routine Asset Site Maintenance (214)	GWMWater		
			Site Emergency Management Plan (406)	GWMWater		
VH	Distribution Heads 34245	EC-I	Routine Asset Site Maintenance (214)	GWMWater		
			Fire Access Tracks & Roads (416)	DEPI		
M	Natimuk 34001 - Grassfire from north to west	HS-R				
			Routine Asset Site Maintenance (216) & (215)	Council, DEPI		
			Fire Access Tracks & Roads (413) & (416)	Council, DEPI		
			Patrol Inspection (Fire Prevention Notices) (303)	Council		
			Strategic Breaks	Council		

			Fire Plug and Hydrant Installation and Maintenance (404) NSP-PLR - Natimuk Showgrounds	CFA, Council Council		
H	Natimuk Lake Caravan Park 34023	HS-SFP	Routine Asset Site Maintenance (212) Site Emergency Management Plan (409)	Lease holder Lease holder		
L	Natimuk PS 34015	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (407)	DET DET DET		
	Natimuk Preschool 3450538	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (213) Site Emergency Management Plan (407)	DET DET DET		
M	Natimuk PH Correction PRV Station 3451801	EC-I	Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)	GWMWater GWMWater		
H	Natimuk Trunk Main PRV's 3451802	EC-I	Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)	GWMWater GWMWater		
H	West Wimmera Health Service Natimuk Precinct 34022	HS-SFP	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (212) Site Emergency Management Plan (409)	West Wimmera Health Service West Wimmera Health Service West Wimmera Health Service		
E	Mt Arapiles Camping Ground 34036					

			Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (215) Operations Restrictions Site Emergency Management Plan (409) Fire Access Tracks & Roads (415) & (416) Static Water Supply Compliance Enforcement of Legislation	PV DEPI/PV PV PV DEPI/PV PV PV		
VH	Mt Arapiles Summit Rd 34260	EC-I	Bushfire and Emergency Self Assessment (438) Routine Asset Site Maintenance (215) Operations Restrictions Site Emergency Management Plan (409) Fire Access Tracks & Roads (415) & (416)	PV DEPI/PV PV PV DEPI/PV		
M	Noradjuha 34037 - grassfire from any direction	HS-O				
			Roadside Vegetation Management (222) Routine Asset Site Maintenance (216) Patrol Inspection (Fire Prevention Notices) (303) Emergency Water Supply (440)	Council Council Council		
H	Noradjuha PRV control valve station 2 3451798	EC-I	Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)	GWMWater GWMWater		
H	Noradjuha control valve station 1 3451800	EC-I	Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)	GWMWater GWMWater		
M	Pimpinio 34044 - grassfire from north to south	HS-O				

			Roadside Vegetation Management (222) Routine Asset Site Maintenance (216) Patrol Inspection (Fire Prevention Notices) (303) Emergency Water Supply (440) (404)	Council Council Council CFA/Council		
L	Pimpinio Water Pumping Station 34218	EC-I	Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)	GWMWater GWMWater		
H	Quantong 34040 - grassfire from north to south	HS-O				
			Roadside Vegetation Management (222) Routine Asset Site Management (216) Patrol Inspection (Fire Prevention Notices) (303) Emergency Water Supply (440) (404)	Council Council Council CFA/Council		
M	Quantong Flood Warning Gauge 34233		Routine Asset Site Maintenance (212)	DELWP		
H	Riverheights 34008 - grassfire from north to north-west likely	HS-R				
			Routine Asset Site Maintenance (216) Roadside Vegetation Management (222) Routine Maintenance of Rail Line (209) Patrol Inspection (Fire Prevention Notices) (303) Static Water Supply	Council Council Vic Track Council Council		
H	Longerenong Agriculture College 34043	HS-SFP	Routine Asset Site Maintenance (212) Site Emergency Management Plan (409)	Skill Invest Skill Invest		

L	Wimmera Machinery Field Days 34034	HS-SFP	Routine Asset Site Maintenance (212)			
M	Wimmera Machinery Field Days 34216	EC-TR	Routine Asset Site Maintenance (212)			
M	Longerenong Water Pumping Station 34221	EC-I	Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)	GWMWater GWMWater		
H	Riverside 34047 - fire from river escarpment likely	HS-R				
			Routine Asset Site Maintenance (216) & (215) Fire Access Tracks & Roads (413) & (416) Patrol Inspection (Fire Prevention Notices) (303) Emergency Water Supply (440) (404)	Council, DEPI Council, DEPI Council CFA, Council		
L	Horsham Electricity Terminal Station 34228	EC-I	Routine Asset Site Maintenance (214)			
H	Taylors Lake Water Pumping Station 34229	EC-I	Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)	GWMWater GWMWater		
M	Taylors Lake Outfall Channel 34255	EC-I	Routine Asset Site Maintenance (214) State Emergency Management Plan (406)	GWMWater GWMWater		
M	Toolondo 34040 - grassfire from north to south	HS-O				

			Roadside Vegetation Management (222) Routine Asset Site Maintenance (216) Patrol Inspection (Fire Prevention Notices) (303) Emergency Water Supply (440)	Council Council Council Council		
	Mt Talbot Homestead 34604	CH-NI				
VH	Toolondo Caravan Park 34024	HS-SFP	Routine Asset Site Maintenance (212) Site Emergency Management Plan (409)	Leaseholder Lease holder		
M	Toolondo Lake Outlet and Inlet Structure 3451792	EC-I	Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)	GWMWater GWMWater		
	Fulham 34605	CH-NI				
VH	Wartook Valley 34050 - 360 degree threat of grass and bushfire	HS-O				
			Community Education Programs (100) Burn Program (231) Roadside Vegetation Management (222) Fire Access Tracks & Roads (413) & (416) Bushfire Management Overlay	CFA DEPI/PV Council Council/DEPI Council		
	Wartook Pump Station 3451794	EC-I	Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)	GWMWater GWMWater		
H	Asses Ears Wilderness Lodge 34051	HS-SFP	Routine Asset Site Maintenance (212)	Owner		

			Site Emergency Management Plan (409)	Owner		
H	Wartook Scout Camp 34000	HS-SFP	Routine Asset Site Maintenance (212)	Scouts Australia		
H	Grelco Run 34052	HS-SFP	Routine Asset Site Maintenance (212)	Owner		
M	Wonwondah North 34048 - grassfire from any direction	HS-O				
			Burn Program (202) Roadside Vegetation Management (222) & (223) Fire Access Tracks & Roads (416) Emergency Water Supply (440)	CFA VicRoads/Council DEPI		
	Municipal Wide Assets					
	Grain Storage					
L	Silos and Grain Storage 34200	EC-C	Routine Asset Site Maintenance	Owner		
M	Moore Bulk Storage Grain Site 34264	EC-C				
	Railways					
VH	Western SG Rail Line 34212	EC-I	Other Fuel Hazard Management (incl. grazing)	Owner		
VH	Western SG Rail Line 34212	EC-I	Routine Asset Site Maintenance	ARTC		
	Transmission Lines					

E	Horsham Zone Substation 34226	EC-I	Site Emergency Management Plan (406) Routine Asset Site Maintenance (214)	Power Cor Power Cor		
VH	horsham-horsham 66kV Transmission Line 2 34204	EC-I	Routine Asset Site Maintenance (214)	Owner		
VH	horsham-horsham 66kV Transmission Line 1 34205	EC-I	Routine Asset Site Maintenance (214)	Owner		
VH	horsham-charam 66kV Transmission Line 34206	EC-I	Routine Asset Site Maintenance (214)	Owner		
VH	horsham-stawell 66kV Transmission Line 2 34203	EC-I	Routine Asset Site Maintenance (214)	Owner		
H	HOTS-RCTS 220kV Transmission Line 34210	EC-I	Routine Asset Site Maintenance (214)	Owner		
H	carisbrook-horsham 66kV Transmission Line 34257	EC-I	Routine Asset Site Maintenance (214)	Owner		
H	BATS-HOTS 220kV Transmission Line 34211	EC-I	Routine Asset Site Maintenance (214)	Owner		
	Industry					
H	Cropping and Livestock Industry 34200	EC-A	Routine Asset Site Maintenance	Owner		
H	Speciality Plantations 34200	EC-A				

			Routine Asset Site Maintenance	Owner		
VH	Private and Public Plantations 34200	EC-CF	Routine Asset Site Maintenance	Owner		
M	Ilyka Douglas Mineral Sand Mines 34263	EC-Mine		radioactive storage		
	Communication Towers					
E	Telstra Communication Towers 34214	EC-I	Routine Asset Site Maintenance	Telstra		
	Major Roads					
VH	Wimmera Hwy 34209	EC-I	Roadside Vegetation Management (223) Routine Asset Site Maintenance (214)	Vic Roads Vic Roads		
VH	Henty Hwy north of Horsham 34261	EC-I	Roadside Vegetation Management (223) Routine Asset Site Maintenance (214)	Vic Roads Vic Roads		
VH	Henty Hwy south of Horsham 34256	EC-I	Roadside Vegetation Management (223) Routine Asset Site Maintenance (214)	Vic Roads Vic Roads		
VH	Western Hwy 34213	EC-I	Roadside Vegetation Management (223) Routine Asset Site Maintenance (214)	Vic Roads Vic Roads		
	Water Infrastructure					

L	Horsham PRV Control Valve Stations 3451810	EC-I	Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)	GWMWater GWMWater		
H	Grahams Bridge Rd PRV 3451797	EC-I	Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)	GWMWater GWMWater		
H	Nurrabel PRV control valve station 3451799	EC-I	Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)	GWMWater GWMWater		
L	Horsham West Water Pumping Station 34220	EC-I	Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)	GWMWater GWMWater		
VH	Huddlestons Weir 34237	EC-I	Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)	GWMWater GWMWater		
VH	Morson's Pump Station 34518013	EC-I	Routine Asset Site Maintenance (214) Site Emergency Management Plan (406)	GWMWater GWMWater		
	Flood Gauges					
M	Walmer Flood Water Gauge 34234	EC-I	Routine Asset Site Maintenance (215)	DELWP		
M	Wimmera Hwy Bridge and Flood Warning Station 34236		Routine Asset Site Maintenance (212)	DELWP		
M	Norton Creek Flow Gauge 34247	EC-I				

			Routine Asset Site Maintenance (215)	DELWP		
M	MacKenzie Creek Flood and Flow Gauge 34246	EC-I	Routine Asset Site Maintenance (215)	DELWP		
M	Drung Flood Warning Station 34235	EC-I	Routine Asset Site Maintenance	DELWP		
	Gas Infrastructure					
L	Horsham City Gas Gate 34227	EC-I	Routine Asset Site Maintenance (214)			

7.6 Appendix B.2 Multi Agency Structure Fire Work Plan Audit Sheet

Risk Rating	Asset Sub Class and Definition & likely Scenario	Existing treatments	Responsible Agency	date completed	comments / additional treatment recommendations
L	Camps school, scout & tourist camps fire starting within the structure and outbuildings	Emergency Management Plans Fire Sprinkler/Extinguisher Installation & Maintenance Staff Fire Awareness Training CFA Brigade Pre-Plans OHS Legislation Requirements			
L	Caravan Parks fire starting within the caravan and outbuildings	Emergency Management Plans Fire Sprinkler/Extinguisher Installation & Maintenance Staff Fire Awareness Training CFA Brigade Pre-Plans OHS Legislation Requirements			
H	Critical Infrastructure - critical infrastructure locations - comms, water, gas, power, sewerage etc. fire starting within the building	Monitored Fire Alarm Staff Fire Awareness Training Emergency Management Plans Fire Sprinkler/Extinguisher Installation & Maintenance CFA Brigade Pre-Plans			

Risk Rating	Asset Sub Class and Definition & likely Scenario	Existing treatments	Responsible Agency	date completed	comments / additional treatment recommendations
M	Entertainment, Leisure & Conference Venues - tourist parks, swimming pools, public halls (Council & DELWP), sporting clubs, cinemas, gyms, performing art centres, showgrounds, racing precincts etc.				
	fire starting within the building	Emergency Management Plans as required Fire Sprinkler/Extinguisher Installation & Maintenance Staff Fire Awareness Training as required CFA Brigade Pre-Plans OHS Legislation Requirements Maintenance of Essential Services			
H	Heritage Listed and Locally Significant Structures - refer to Heritage Overlay, National Trust and Heritage Victoria				
	fire starting within the building	Staff Fire Awareness Training as required Emergency Management Plans as required Fire Sprinkler/Extinguisher Installation & Maintenance CFA Brigade Pre-Plans			

Risk Rating	Asset Sub Class and Definition & likely Scenario	Existing treatments	Responsible Agency	date completed	comments / additional treatment recommendations
H	Hospitals and Medical Centres				
	fire starting within the building	Emergency Management Plans Fire Sprinkler/Extinguisher Installation & Maintenance CFA Brigade Pre-Plans Staff Fire Awareness Training DHHS Accreditation			
L	Hotels / Night Clubs				
	fire starting within the building	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			
H	Industrial - manufacturing, processing, quarries, mines, freight & transport centres etc.				
	fire starting within the building	Monitored Fire Alarm Staff Fire Awareness Training Emergency Management Plan Fire Sprinkler/Extinguisher Installation & Maintenance CFA Brigade Pre-Plans			

Risk Rating	Asset Sub Class and Definition & likely Scenario	Existing treatments	Responsible Agency	date completed	comments / additional treatment recommendations
H	Infrastructure - minor infrastructure locations - comms, water, gas, power, sewerage, train station, airport etc.				
	fire starting within the building	Monitored Fire Alarm Staff Fire Awareness Training Emergency Management Plans Fire Sprinkler/Extinguisher Installation & Maintenance CFA Brigade Pre-Plans			
M	Institutions - kindergartens & childcare facilities, primary, secondary & special schools, universities, neighbourhood houses, religious centres, government buildings, community group facilities				
	fire starting within the building	Monitored Fire Alarm JFAIP Program Staff Fire Awareness Training Fire Sprinkler/Extinguisher Installation & Maintenance CFA Brigade Pre-Plans School Education Programs OHS Legislation Requirements Emergency Management Plans Maintenance of Essential Services as			

Risk Rating	Asset Sub Class and Definition & likely Scenario	Existing treatments	Responsible Agency	date completed	comments / additional treatment recommendations
		required			
H	Interface Living - rural/residential dwellings in interface areas fire starting within the residence and outbuildings	JFAIP Program School Education Programs			
M	Motels and other Accommodation - backpackers, guest houses, boarding houses, special accommodation including assisted accommodation fire starting within the residence and outbuildings	Monitored Fire Alarm Fire Sprinkler/Extinguisher Installation & Maintenance CFA Brigade Pre-Plans OHS Legislation Requirements Maintenance of Essential Services			
H	Retail/Business - joined or contiguous structures - strip shopping areas & shopping centres fire starting within/spreading from adjoining building	Monitored Fire Alarm Staff Fire Awareness Training Emergency Management Plans Fire Sprinkler/Extinguisher Installation & Maintenance CFA Brigade Pre-Plans			

Risk Rating	Asset Sub Class and Definition & likely Scenario	Existing treatments	Responsible Agency	date completed	comments / additional treatment recommendations
H	Retail/Business - separate structures				
	fire starting within/spreading from adjoining building	Monitored Fire Alarm Staff Fire Awareness Training Emergency Management Plans Fire Sprinkler/Extinguisher Installation & Maintenance CFA Brigade Pre-Plans			
H	Rural Living - dwellings and structures in rural areas				
	fire starting within the residence and outbuildings	JFAIP Program School Education Programs			
H	Special Care Facilities - day care centres & nursing homes, hostels/hospices etc.				
	fire starting within the building	Emergency Management Plans Fire Sprinkler/Extinguisher Installation & Maintenance CFA Brigade Pre-Plans Staff Fire Awareness Training CFA Brigade Pre-Plans			
H	Urban Living - residential dwellings in urban areas.				
	fire starting within the residence and outbuildings	JFAIP Program School Education Programs			

7.7 Appendix B.3 Multi Agency Hazardous Material Incident Audit Sheet

Risk Rating	Asset Sub Class and Definition & likely Scenario	Existing treatments	Responsible Agency	date completed	comments / additional treatment recommendations
L	Camps school, scout & tourist camps				
	chemical spill	Staff Fire Awareness Training Emergency Management Plans Compliance Enforcement of Legislation CFA Brigade Pre-Plans OH&S Legislations			
L	Caravan Parks				
	chemical spill	Staff Fire Awareness Training Emergency Management Plans Compliance Enforcement of Legislation CFA Brigade Pre-Plans OH&S Legislations			
H	Critical Infrastructure - critical infrastructure locations - comms, water, gas, power, sewerage etc.				
	chemical spill	Staff Fire Awareness Training Emergency Management Plans			

Risk Rating	Asset Sub Class and Definition & likely Scenario	Existing treatments	Responsible Agency	date completed	comments / additional treatment recommendations
		Compliance Enforcement of Legislation CFA Brigade Pre-Plans OH&S Legislations			
H	Entertainment, Leisure & Conference Venues - tourist parks, swimming pools, public halls (Council & DELWP), sporting clubs, cinemas, gyms, performing art centres, showgrounds, racing precincts etc.				
	chemical spill	Staff Fire Awareness Training Emergency Management Plans Compliance Enforcement of Legislation CFA Brigade Pre-Plans OH&S Legislations			
V H	Flora and Fauna, Land, Water and Air quality				
	chemical spill	Staff Fire Awareness Training Emergency Management Plans Compliance Enforcement of Legislation CFA Brigade Pre-Plans			

Risk Rating	Asset Sub Class and Definition & likely Scenario	Existing treatments	Responsible Agency	date completed	comments / additional treatment recommendations
		OH&S Legislations			
L	Heritage Listed and Locally Significant Structures - refer to Heritage Overlay, National Trust and Heritage Victoria				
	chemical spill	Staff Fire Awareness Training Emergency Management Plans Compliance Enforcement of Legislation CFA Brigade Pre-Plans OH&S Legislations			
H	Hospitals and Medical Centres				
	chemical spill	Staff Fire Awareness Training Emergency Management Plans Compliance Enforcement of Legislation CFA Brigade Pre-Plans OH&S Legislations			
L	Hotels / Night Clubs				
	chemical spill	Staff Fire Awareness Training Emergency Management Plans Compliance Enforcement of Legislation			

Risk Rating	Asset Sub Class and Definition & likely Scenario	Existing treatments	Responsible Agency	date completed	comments / additional treatment recommendations
		CFA Brigade Pre-Plans OH&S Legislations			
M	Industrial - manufacturing, processing, quarries, mines, freight & transport centres etc.				
	chemical spill	Staff Fire Awareness Training Emergency Management Plans Compliance Enforcement of Legislation CFA Brigade Pre-Plans OH&S Legislations			
M	Infrastructure - minor infrastructure locations - comms, water, gas, power, sewerage, train station, airport etc.				
	chemical spill	Staff Fire Awareness Training Emergency Management Plans Compliance Enforcement of Legislation CFA Brigade Pre-Plans OH&S Legislations			

Risk Rating	Asset Sub Class and Definition & likely Scenario	Existing treatments	Responsible Agency	date completed	comments / additional treatment recommendations
H	Institutions - kindergartens & childcare facilities, primary, secondary & special schools, universities, neighbourhood houses, religious centres, government buildings, community group facilities				
	chemical spill	Staff Fire Awareness Training Emergency Management Plans Compliance Enforcement of Legislation CFA Brigade Pre-Plans OH&S Legislations			
L	Interface Living - rural/residential dwellings in interface areas				
	chemical spill	Staff Fire Awareness Training Emergency Management Plans Compliance Enforcement of Legislation CFA Brigade Pre-Plans OH&S Legislations			

Risk Rating	Asset Sub Class and Definition & likely Scenario	Existing treatments	Responsible Agency	date completed	comments / additional treatment recommendations
L	Motels and other Accommodation - backpackers, guest houses, boarding houses, special accommodation including assisted accommodation				
	chemical spill	Staff Fire Awareness Training Emergency Management Plans Compliance Enforcement of Legislation CFA Brigade Pre-Plans OH&S Legislations			
L	Retail/Business - joined or contiguous structures - strip shopping areas & shopping centres				
	chemical spill	Staff Fire Awareness Training Emergency Management Plans Compliance Enforcement of Legislation CFA Brigade Pre-Plans OH&S Legislations			
M	Retail/Business - separate structures				

Risk Rating	Asset Sub Class and Definition & likely Scenario	Existing treatments	Responsible Agency	date completed	comments / additional treatment recommendations
	chemical spill	Staff Fire Awareness Training Emergency Management Plans Compliance Enforcement of Legislation CFA Brigade Pre-Plans OH&S Legislations			
L	Rural Living - dwellings and structures in rural areas				
	chemical spill	Staff Fire Awareness Training Emergency Management Plans Compliance Enforcement of Legislation CFA Brigade Pre-Plans OH&S Legislations			
M	Special Care Facilities - day care centres & nursing homes, hostels/hospices etc.				
	chemical spill	Staff Fire Awareness Training Emergency Management Plans Compliance Enforcement of Legislation CFA Brigade Pre-Plans OH&S Legislations			

Risk Rating	Asset Sub Class and Definition & likely Scenario	Existing treatments	Responsible Agency	date completed	comments / additional treatment recommendations
H	Transport - rail, marine, road, air				
	chemical spill	Staff Fire Awareness Training Emergency Management Plans Compliance Enforcement of Legislation CFA Brigade Pre-Plans OH&S Legislations			
L	Urban Living - residential dwellings in urban areas				
	chemical spill	Staff Fire Awareness Training Emergency Management Plans Compliance Enforcement of Legislation CFA Brigade Pre-Plans OH&S Legislations			

7.8 Appendix C.1 Hazard Trees Identification and Notification Procedures (Statutory Audit Obligations)

7.8.1 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)
- 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.

7.8.2 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.

7.8.3 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.

7.8.4 Responsible Persons within the Horsham Rural City Council

There are a number of organisations that have responsibility for line clearance in the Horsham Rural City Council, including:

- Powercor
- VicRoads

There is only one electricity distribution business in the Horsham Rural City Council and there are no Declared Areas under Section 81 of the ES Act that are the responsibility of the Council.

7.8.5 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).

7.8.6 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

- 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.

7.8.7 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:

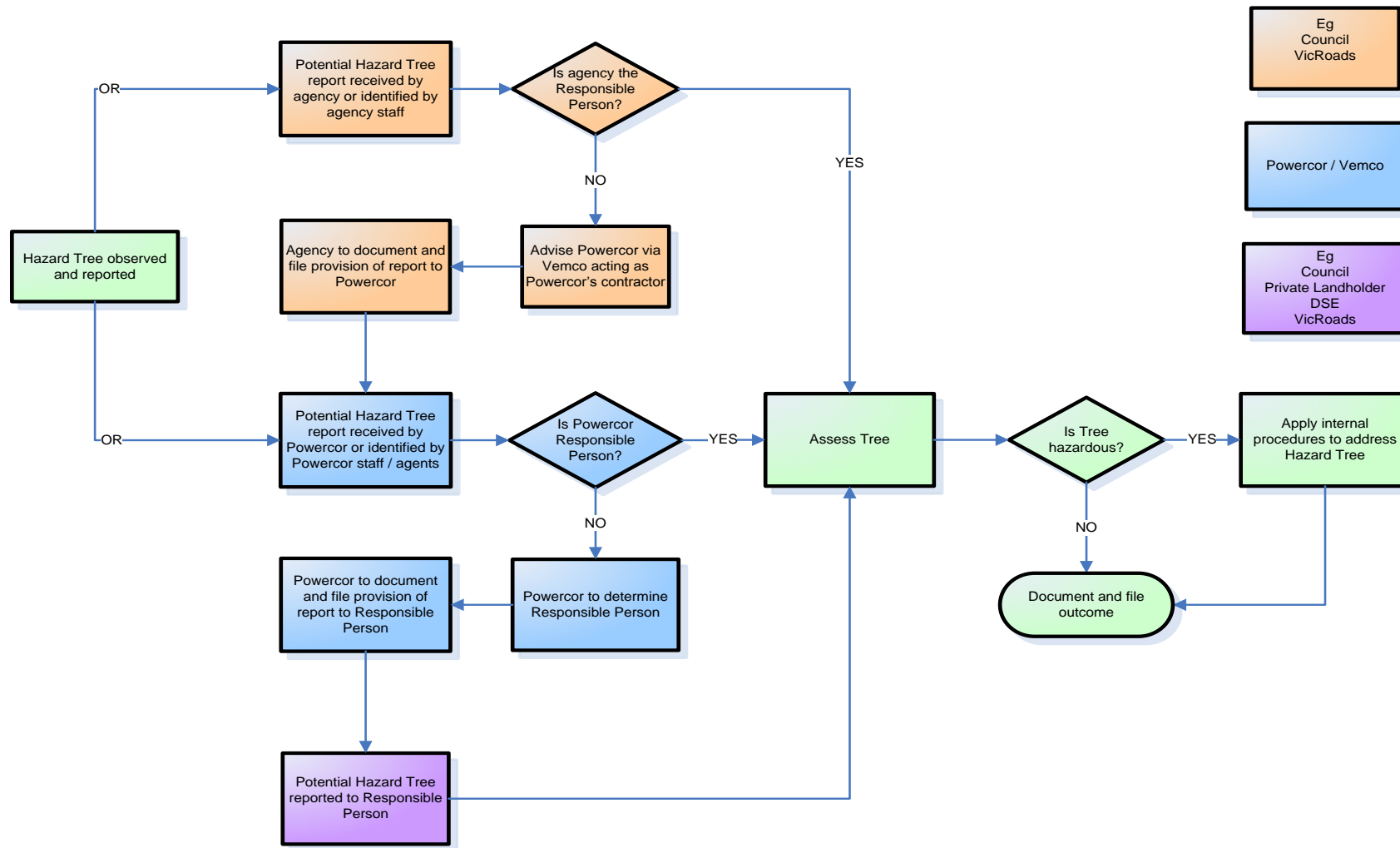
- The person with responsibility for the highest percentage of lines within the municipality (the primary responsible person) is Powercor and therefore the person to whom potentially hazardous trees should be reported.
- Where any person becomes aware of, or receives a report of, a potentially hazardous 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.)
 - 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.

7.8.8 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:	powercor.com.au
Telephone number:	5338 3300 (Powercor's Contractor VEMCO)
After hours number:	13 24 12

7.8.9 Procedures for Notification of Responsible Persons



7.8.10 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.

7.8.11 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
- 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.

7.8.12 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.

7.8.13 Primary Responsible Person Consultation

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

7.9 Appendix C.2 Community Information Guides

Currently there are three (3) Community Information Guides in the Horsham Rural City Municipality.

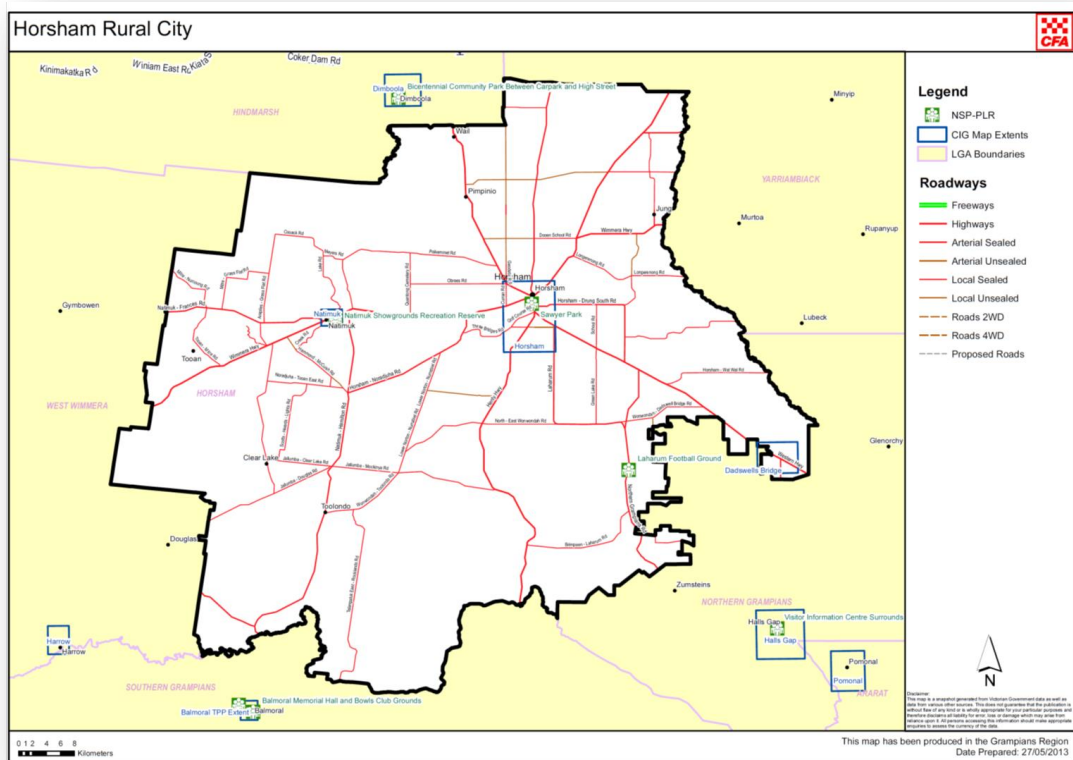
Horsham Rural City Municipality Community Information Guides	
Township/Suburb	Responsible Agencies
Horsham/Haven	CFA
Natimuk	CFA
Dadswells Bridge	CFA

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.

7.10 Appendix C.3 Neighbourhood Safer Places – Places of Last Resort



There are three (3) Neighbourhood Safer Places – Places of last Resort in Horsham Rural City Municipality.

Horsham Rural City Municipality Neighbourhood Safer Places – Places of Last Resort

Township/Suburb	Street	Location
Horsham	Cnr Hocking St & Firebrace St, Horsham	Sawyer Park
Laharum	Northern Grampians Road, Laharum	Laharum Football Ground (Cameron Oval)
Natimuk	Cnr Mitchell St & Jory St, Natimuk	Natimuk Showgrounds Recreation Reserve

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

7.11 Appendix C.4 Community Fire Refuges

There are **NO** current designated Community Fire Refuges within Horsham Rural City Municipality.

7.12 Appendix D Engagement and Communications Strategy

Please note that the following was in reference to MFMP Version 1.0

Development of draft Horsham Rural City Municipal Fire Management Plan and review of Community Information Guides

7.12.1 Executive Summary

This Stakeholder and Community Engagement Strategy has been prepared to support the development of the draft Horsham Rural City Municipal Fire Management Plan (MFMP) and review of Community Information Guides (CIG).

The Horsham Rural City 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 and validate the CIG information.

Valuing local knowledge and recognising the unique contribution communities and stakeholders can make to the MFMP and CIG planning process has guided the consultation program.

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
- healthy, natural, social, built and economic environments

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

The opportunity to align fire-planning consultation by key organisations including Country Fire Authority, Horsham Rural City Council, Victoria Police and the Department of Environment, Land, Water and Planning is a key objective of this process.

7.12.2 Stakeholder Consultation

Stakeholders involved in fire management planning in the Horsham Rural City Council have been widely consulted and engaged throughout the planning and development of the draft 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.

7.12.3 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.

An eight-week community consultation program will be implemented to support the MFMP and CIG development. Key elements of this program include:

- community information sessions held throughout March and April 2012 targeting communities of Dadswells Bridge, Horsham/Haven, Laharum/Wartook and Natimuk
- engagement program with CFA brigade and volunteer members
- an online engagement program

7.12.4 Communications

An extensive communications plan supported the consultation program and raised awareness among the general community about the role of the Plans.

Key communications activities included:

- media campaign and advertising of consultation program
- distribution of flyers and posters through community networks
- promotion through Horsham Rural City Council, Victoria Police and CFA community networks
- direct invitation to key stakeholders

7.12.5 Submissions


The community was invited to submit feedback in response to the Plans. At the conclusion of consultation period on 20th April 2012, the relevant agency together with the MFMPPC reviewed, assessed and responded to community submissions and updated the MFMP accordingly.

7.12.6 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):



	inform	consult	involve	collaborate	empower
Who	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 MFMP & RSFMP
Engagement objective	To ensure MFMP and CIG engagement process assists in educating community about risk of bushfire	To seek and ensure local knowledge is captured and considered for inclusion in MFMP and CIG.	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

	inform	consult	involve	collaborate	empower
Tools	<ul style="list-style-type: none"> Media Electronic communication Posters Direct mail 	<ul style="list-style-type: none"> Community Information Sessions Stakeholder Briefings Online engagement Promotion through existing channels 	Workshops/Presentations with CFA Brigades	Direct email for comment on MFMP	<ul style="list-style-type: none"> One-on-one consultation Formal reporting

7.12.7 Approach to Stakeholder Engagement

A strategic approach to managing stakeholder engagement has been “in action” since the establishment of the Integrated Fire Management Framework in 2008. 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.

7.12.8 Approach to Community Engagement

The MFMP and CIG development require 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 CIG).

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.

7.12.9 Engagement Aims & Objectives

7.12.9.1 Aim

Support the development of the Municipal Fire Management Plan and Community Information Guides through effective community and stakeholder engagement, ensuring local knowledge is captured and considered for inclusion in the Plans.

7.12.9.2 Objectives

- To identify and provide meaningful engagement opportunities for community and stakeholders to understand and provide informed feedback about the MFMP and CIG.
- To generate interest and attendance at community engagement events and stakeholder briefing.
- To support the Horsham Rural City MFMP to implement a collaborative communications and engagement program, including commitment to resource community information sessions.
- To identify and maximise communications opportunities for promoting MFMP consultation activities through Pyrenees MFMP member organisations.
- To develop clear issues management and media management protocols.

7.12.9.3 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 and CIG. As a result of the decision making processes involved there are some components of the plans that are not open for negotiation with the community.

The consultation process is seeking feedback on additions to the asset risk register, implementation of selected treatment options, validation of CIG local information and comments relating to how community would prefer to be consulted in the future.

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.

7.12.10 Positioning and Key Messages

7.12.10.1 Project Positioning:

Municipal Fire Management Plan 2012 – 2015

A collaborative approach to fire planning

7.12.10.2 Key Messages

About fire planning:

- 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.
- The Community Information Guides provide important direction and information for communities to assist with planning before, during and after a fire.
- Capturing practical local knowledge is critical to the development of the plans. We are committed to listening to the community and invite feedback on the plans. 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.

7.12.11 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?

7.12.12 Key Stakeholders & Communities

The table below lists the Stakeholders who contributed and were consulted in the development of the Horsham Rural City MFMP.

MFMP Committee Members	MFMP Contributors
Horsham Rural City Council CFA DELWP Parks Victoria VicRoads Victoria Police	Water Authorities ARTC Powercor

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

	inform	consult	involve	collaborate	empower
who	General community	Residents and business owners in high-risk areas: <ul style="list-style-type: none"> ▪ Dadswells Bridge ▪ Horsham/ Haven ▪ Laharum/ Wartook ▪ Natimuk Special interest groups: <ul style="list-style-type: none"> ▪ Agricultural ▪ Tourism and regional development ▪ Members of Parliament ▪ Environmental and Landcare Groups ▪ Community 	CFA Brigades & Volunteers	Organisations who have informed development of MFMP	Members of the MFMPCC& RSFMPC: <ul style="list-style-type: none"> ▪ Horsham Rural City ▪ CFA ▪ DELWP ▪ Water authorities ▪ Vic Roads ▪ Victoria Police ▪ Other municipal specific stakeholders

7.12.13 How community can have their say

Community Consultation Program for Horsham Rural City Municipal Fire Management Plan and Community Information Guides

The Horsham Rural City Council, together with Country Fire Authority, Victoria Police and Department of Environment, Land, Water and Planning are undertaking a collaborative approach to bushfire planning community consultation.

Through representation of each agency at a series of community information sessions, they seek to address and support the community with any fire planning, preparedness, response and recovery questions or concerns.

The community will be provided an opportunity to review and submit feedback on the Horsham Rural City Municipal Fire Management Plan and Community Information Guides for high-risk communities including.

7.12.14 How community can have their say

Timeline:	Consultation period was from 12 March to 20 April 2012	
Online:	Review MFMP and CIG at: www.hrcc.vic.gov.au	
Email:	Download MFMP and CIG feedback form and email to: council@hrcc.vic.gov.au	
	Written submissions: Horsham Rural City PO Box 511, Horsham, VIC 3400	
In Person:	Attend community information session to learn more about MFMP and CIG:	
Horsham/Haven	Wed 14 March 2012 7pm – 8:30 pm	Haven Primary School
Dadswells Bridge	Thurs 15 March 2012 7 pm – 8:30 pm	Dadswells Bridge Hall
Laharum/Wartook	Tues 27 March 2012 7 pm – 8:30 pm	Laharum Hall
Natimuk	Wed 28 April 2012 7 pm – 8:30 pm	Natimuk Hall

The draft Horsham Rural City Municipal Fire Management Plan was submitted to Council for consideration by 20th April 2012.

7.13 Appendix E.1 Municipality Map

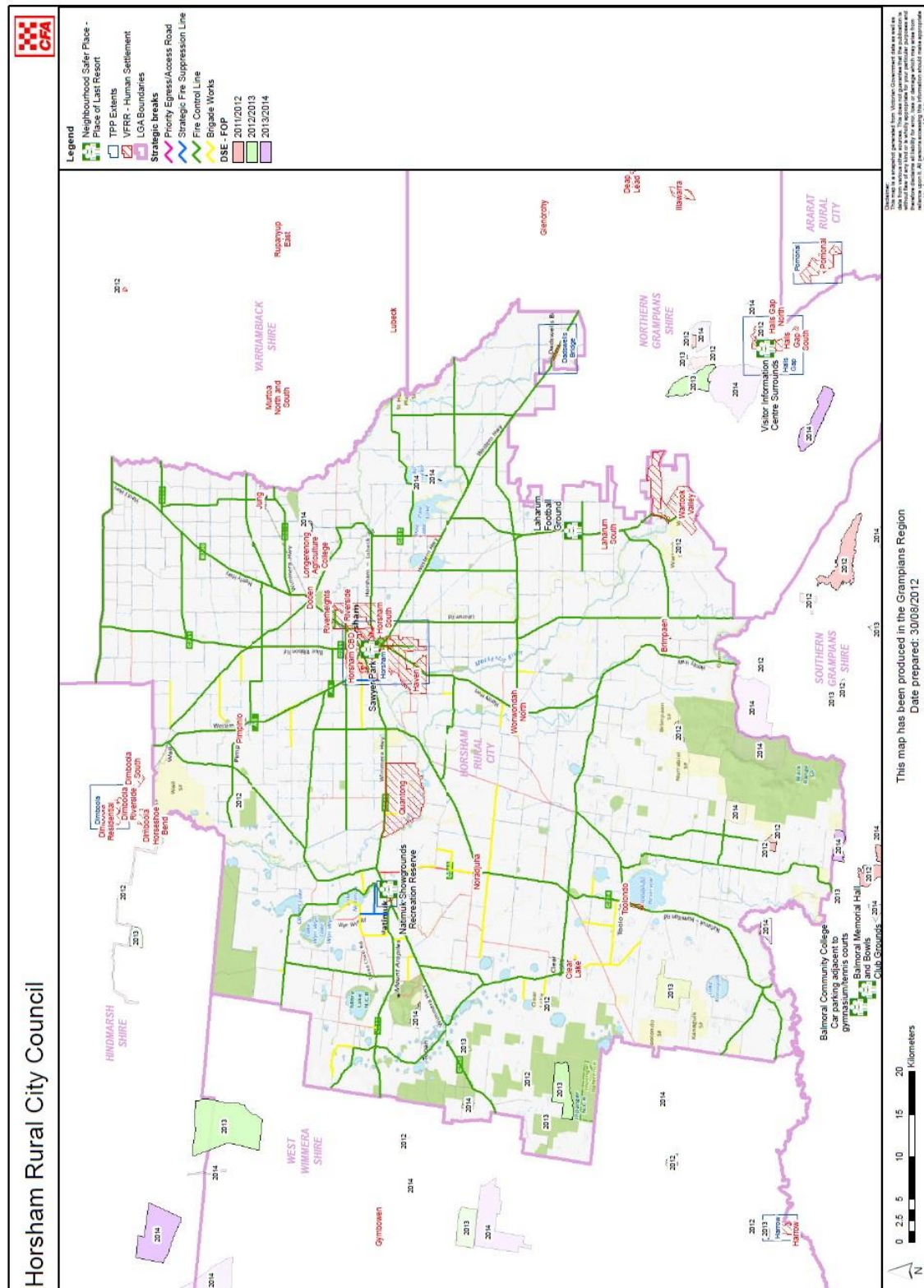


Figure 3 Horsham Rural City Municipality Map

7.14 Appendix E.2 Strategic Fire Breaks Map and Table

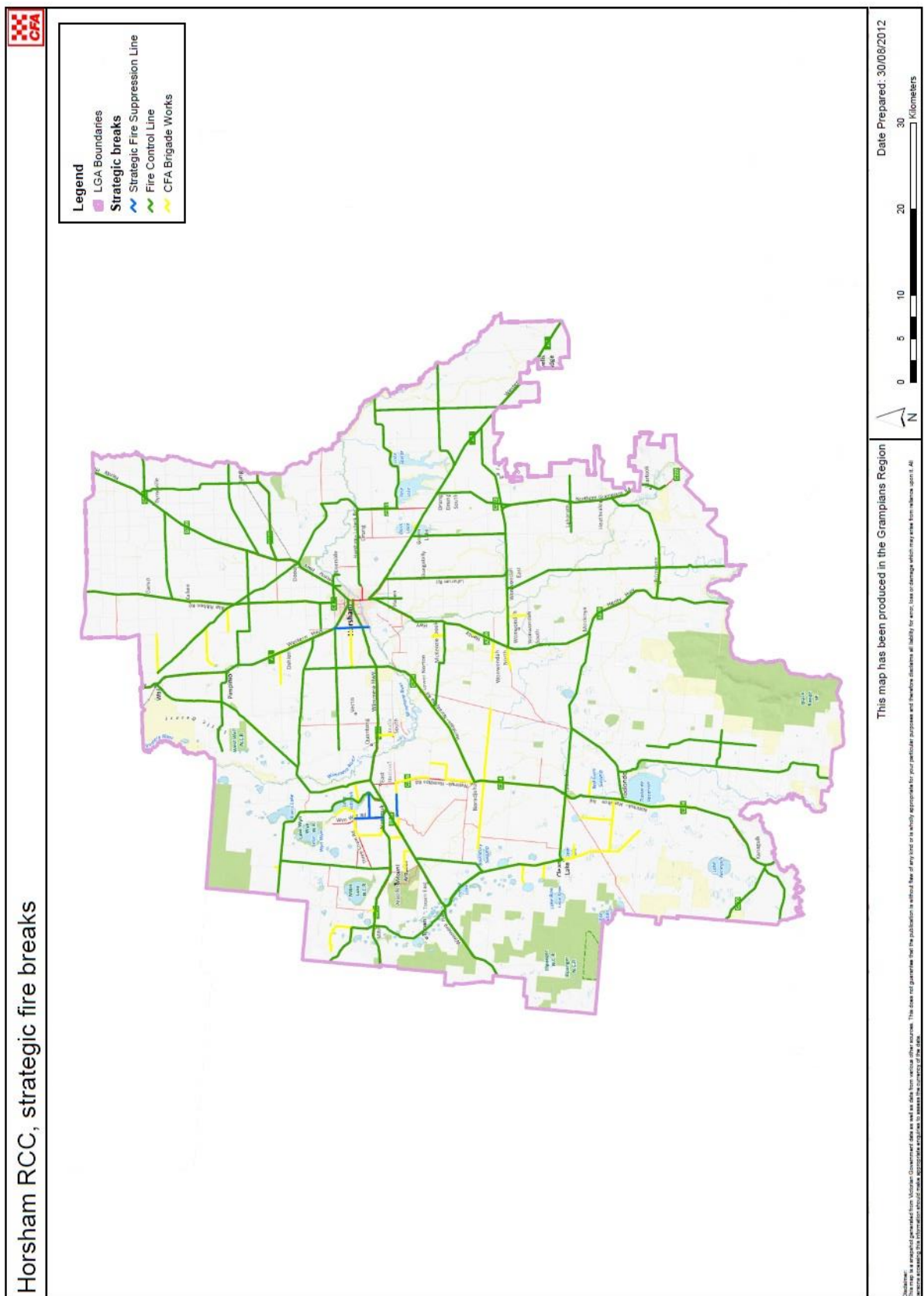


Figure 4 Horsham Rural City Strategic Fire Breaks

7.14.1 Strategic Fire Breaks Tables

Strategic Fire Breaks within the Horsham Rural City Council				
Road Name	From	To	Land Manager	Treatment
Priority Egress Access Roads				
Nil				
Strategic Fire Suppression Lines				
Berry Lane	Wyn Wyn Rd	Lake Ave	HRCC	Slash, Fence to Fence*
Curran Rd	Remlaw Rd	Wimmera Hwy (C240)	HRCC	Slash, Fence to Fence*
J Subholzs Rd	Old Noradjuha Rd	Creekline	HRCC	Slash, Fence to Fence*
Wyn Wyn Rd	Natimuk-Frances Rd	Three Chain Rd	HRCC	Slash, Fence to Fence*
Fire Control Lines				
Arapiles Grass Flat Rd	Natimuk-Frances Rd (C213)	Mitre Grass Flat Rd	HRCC	Slash & Spray 3m behind guide posts*
Arapiles Grass Flat Rd	Mitre Grass Flat Rd	Cooack Rd	HRCC	Spray, 3m behind guide posts*
Bridge Rd/Matavishs Rd	Staehrs Rd	Winfield Rd	HRCC	Slash, 1.8m cut behind guide posts*
Brimpaen-Laharum Rd	Henty Hwy (B200)	Northern Grampians Rd (C222)	HRCC	Graded & Spray 3m behind guide posts*
Cameron's Rd Nth	Pryors Rd	Henty Hwy (B200)	HRCC	Slash, 1.8m cut behind guide posts*
Clear Lake-Sherwoods Dam Rd	Wimmera Hwy (C240)	Jallumba-Clear Lake Rd	HRCC	Slash & Spray 3m behind guide posts
Cooack Rd	Shire Boundary	Meyres Rd	HRCC	Slash & Spray 3m behind guide posts
Dimboola-Minyip Rd	Shire Boundary, Geodetic Rd	Shire Boundary, Yarriambiack Creek	HRCC	Slash & Spray 3m behind guide posts
Drung-Jung Rd	Horsham-Lubeek Rd (C215)	Longerenong Rd	HRCC	Slash & Spray 3m behind guide posts
Gatehouse Rd	Geodetic Rd	Horsham-Kalkee Rd	HRCC	Slash, 1.8m cut behind guide posts*
Golton Rd	Western Hwy (A8)	Horsham-Lubeek Rd (C215)	HRCC	Spray, 3m behind guide posts*
Grahams Bridge Rd	Brimpaen-Laharum Rd	North East Wonwondah Rd	HRCC	Graded & Spray, 3m behind guide posts*
Green Lake Rd	Western Hwy (A8)	Laharum Rd	HRCC	Spray, 3m behind guide posts*
Greenhills Rd	Henty Hwy (B200)	Shire Boundary	HRCC	Graded & Spray, 3m behind guide posts*
Harrow-Clear Lake Rd	Jallumba-Clear Lake Rd	Natimuk-Hamilton Rd (C214)	HRCC	Slash & Spray 3m behind guide posts
Horsham-Wal Wal Rd	Western Hwy (A8)	Shire Boundary	HRCC	Spray, 3m behind guide posts*
Jacka Jacka Rd	Wimmera Hwy (C240)	Clear Lake-Sherwoods Dam Rd	HRCC	Graded & Spray, 3m behind guide posts*
Jallumba-Clear Lake Rd	Natimuk-Hamilton Rd (C214)	Harrow-Clear Lake Rd	HRCC	Spray, 3m behind guide posts*
Jallumba-Mockinya Rd	Natimuk-Hamilton Rd (C214)	Henty Hwy (B200)	HRCC	Slash & Spray, 3m behind guide posts*
Jaspers La	Wombelano Rd	Elliot's Back La	HRCC	Slash, 1.8m cut behind guide posts*
Jung North Rd	Wimmera Hwy (C240)	Horsham-Minyip Rd (C236)	HRCC	Spray, 3m behind guide posts*
Kalkee East Rd	Horsham-Kalkee Rd	Henty Hwy (B200)	HRCC	Slash & Spray 3m behind guide posts
Kalkee Rd	Wall-Dooen Rd	Horsham-Kalkee Rd	HRCC	Slash & Spray 3m behind guide posts
Laharum Rd	Western Hwy (A8)	Northern Grampians Rd	HRCC	Slash & Spray 3m behind guide posts
Laidlows Rd	Horsham-Kalkee Rd	Henty Hwy (B200)	HRCC	Slash & Spray 3m behind guide posts
Lake Rd, Natimuk	Meyres Rd	Natimuk Township	HRCC	Slash & Spray 3m behind guide posts
Longerenong Rd	Henty Hwy (B200)	Drung-Jung Rd	HRCC	Slash & Spray 3m behind guide posts
Mitre-Nurcoling Rd	Natimuk-Frances Rd (C213)	McReddens Rd	HRCC	Spray, 3m behind guide posts*
North East Wonwondah Rd	Henty Hwy (B200)	Laharum Rd	HRCC	Slash & Spray 3m behind guide posts
Northfields Wool Shed Rd	Wash Tomorrow Rd	Roy Blakes Rd	HRCC	Graded
Obrees Rd	Polkemmet Rd	Western Hwy (A8)	HRCC	Slash & Spray 3m behind guide posts
Old Hamilton Rd	Henty Hwy (B200)	Mackies Rd	HRCC	Slash & Spray 3m behind guide posts
Plush Hannans Rd	Horsham-Noradjuha Rd (C214)	Henty Hwy (B200)	HRCC	Slash & Spray 3m behind guide posts
Polkemmet Rd	Wimmera Hwy (C240)	Western Hwy (A8)	HRCC	Spray, 3m behind guide posts*
Rasmussen Rd	Horsham-Kalkee Rd	Wimmera River	HRCC	Slash, 1.8m cut behind guide posts*
Rees Rd	Talagatuk-East Rocklands Rd	Black Range State Forest	HRCC	Spray, 3m behind guide posts*
Remlaw Station Rd	Wimmera Hwy (C240)	Polkemmet Rd	HRCC	Slash, 1.8m cut behind guide posts*
Riverside Rd	Wimmera River	Rogersons Rd	HRCC	Slash, 1.8m cut behind guide posts*
Rules West Rd/Rules East Rd	Western Hwy (A8)	Horsham-Kalkee Rd	HRCC	Slash & Spray 3m behind guide posts
Talagatuk-East Rocklands Rd	Rocklands Rd	Wonwondah-Toolondo Rd	HRCC	Slash & Spray 3m behind guide posts
Tooan-Mitre Rd	Wimmera Hwy (C240)	Natimuk-Frances Rd	HRCC	Slash, 1.8m cut behind guide posts*
Victoria Valley Rd	Brimpaen-Laharum Rd	Geranium Springs Rd	HRCC	Spray, 3m behind guide posts*

Fire Control Lines				
Wail-Dooen Rd	Wail	Dooen	HRCC	Graded & Spray, 3m cut behind guide posts*
Wail-Polkemmet Rd	Polkemmet Rd	Wail	HRCC	Graded
West Wail Rd	Pimpinio	Shire Boundary	HRCC	Slash & Spray 3m behind guide posts
Wombelano Rd	Natimuk-Hamilton Rd (C214)	McKechnies Rd	HRCC	Slash & Spray 3m behind guide posts
Wonwondah-Dadswells Bridge Rd	Northern Grampians Rd (C222)	Western Hwy (A8)	HRCC	Spray, 3m behind guide posts*
Wonwondah-Toolondo Rd	Natimuk-Hamilton Rd (C214)	Jallumba-Mockinya Rd	HRCC	Spray, 3m behind guide posts*
Blue Ribbon Rd (C231)	Dimboola-Minyip Rd	Horsham	VicRoads	Slash, 3m cut behind guide posts*
Henty Hwy (B200)	Dimboola-Minyip Rd	Shire Boundary, Rocklands-Cherry pool Rd	VicRoads	Slash, 3m cut behind guide posts*
Horsham-Lubeek/Drung Rd (C215)	Cameron Rd, Horsham	Shire Boundary, Mt William Creek	VicRoads	Slash & Spray, 3m behind guide posts*
Horsham-Minyip Rd (C236)	Henty Hwy (B200)	Shire Boundary	VicRoads	Slash, 3 m cut behind guide posts*
Horsham-Noradjuha Rd (C214)	Wimmera Hwy (C240)	Noradjuha	VicRoads	Slash, 3m cut behind guide posts*
Natimuk-Frances Rd (C213)	Wimmera Hwy (C240)	Shire Boundary, McLure Bush Reserve	VicRoads	Slash & Spray 3m behind guide posts
Natimuk-Hamilton Rd (C214)	Noradjuha	Shire Boundary, Glenelg River	VicRoads	Slash, 3m cut behind guide posts*
Northern Grampians Rd (C222)	Wartook	Western Hwy (A8)	VicRoads	Slash, 3m cut behind guide posts*
Western Hwy (A8)	Shire Boundary, Wail	Shire Boundary, Dadswells Bridge	VicRoads	Slash, 3m cut behind guide posts*
Wimmera Hwy (C240)	Shire Boundary, Jung	Shire Boundary, Jilpanger Rd	VicRoads	Slash, 3m cut behind guide posts*

Road Name	From	To	CFA Brigade	Treatment	Road Authority
Jacka Jacka Road	Between C240	Clear Lake Sherewoods Dam Road	Natimuk	Plough	Municipality
Natimuk Cemetery Road	Full length of Road		Natimuk	Plough	Municipality
Polkemmet Road	Between Meyers Lane	C240	Natimuk	Plough	Municipality
Arapiles Lane-Arapiles School	From Centenary Park Road	C213	Natimuk	Slash	Municipality
Langes Lane	Between C213	C240	Natimuk	Slash	Municipality
Northfields Road	Between Between Natimuk Hamilton Road	Darragan Pit Road	Noradjuha	Slash	Municipality
Natimuk Hamilton Road C219	Between Northfields Road	Nurrabel Church Road	Noradjuha	Burn	Municipality
Riffe Butts Road	Between H Scotts Road	Lower Norton Nurrabel Road	Noradjuha	Burn	Municipality
Plowrights Road A8	Between Moore Road	Drendels road	Pimpinio	Plough	Municipality
Dahlen Quarry Road	From A8	Walsh's Road	Pimpinio	Plough	Municipality
Blue Ribbon Road C231	From Aerodrome Road	Jenkinson Road	Pimpinio	Plough	Municipality
Bakers Road	Wail-Doonen Road	Geodetic Road	Pimpinio	Plough	Municipality
BlueRibbon Road	From Banyena Road	Reynolds Road	Pimpinio	Plough	Municipality
Wail-Polkemmet Road	From Reinheimers Road	West Wail FFR	Pimpinio	Plough	Municipality
Banyena Road	From Wail Doonen Road	Verahad Swamp Road	Pimpinio	Plough	Municipality
Wail-Doonen Road	From Banyena Road	Lawsons Road	Pimpinio	Plough	Municipality
Wail-Doonen Road	Hennesseys Road	Reynolds Road	Pimpinio	Plough	Municipality
Wail-Kalkee Road	Between Wail Doonen Road	Geodetic Road	Pimpinio	Plough	Municipality
Robb-ins Road A8	Between Barbers Road	Wail	Pimpinio	Plough	Municipality
Wail -Polkemmet Road	Between West Wail Road	Riggs Road	Pimpinio	Plough	Municipality
Wail West Road	Buloke Road	Bartlett Road	Pimpinio	Plough	Municipality
Kanagulk Siding	Parallel to Natimuk Hamilton Highway for 480m	Siding Area	Telangatuk	Burn	Municipality
Peppertree Lane	From Mt Talbot Road	Natimuk - Hamilton Road	Toolondo	Plough	Municipality
Jenys Lane	North from Peppertree Lane	Peppertree Lane	Toolondo	Plough	Municipality
Mt Talbot Road	From Jallumba Douglas Road	Digger Jims Road	Toolondo	Plough	Municipality
Natimuk Hamilton Road C124	Peppertree Lane	Jeffries Road	Toolondo	Burn	Municipality
Toolondo Gun Club Road	From Natimuk Hamilton Highway	Grid Reference 853094	Toolondo	Plough	Municipality
Remlaw Road	Between Curran Road	Grid Point 670401	Vectis	Burn	Municipality
Asplins Road	Between Wimmera Highway	Lanes Avenue	Vectis	Burn	Municipality
Toolondo Road - North East Wonwondah Road	From Lanes Rd on the South side	Wonwondah then North side from Wonwondah to Gramhams Bridge Road	Wonwondah	Burn	Municipality
Butts Road	Between A220	Bothes Road South North Side	Wonwondah	Burn	Municipality
Tyers Road	From A220 west for 400 meters	End of Road	Wonwondah	Burn	Municipality
Walshs Road	Between Plush Hannan's Road	Smith Road	Wonwondah	Burn	Municipality
Plush Hannans Road	Between Walshs Road	A220	Wonwondah	Burn	Municipality
Nixon Road South	Between Wonwondah Road	Rockland's Channel	Wonwondah	Burn	Municipality
Northern Gramplans Rd	Strip Burns approximately 150 meters long in front of the Laharum Oval, Public Hall, Tennis Courts and Fire Stations		Laharum	Burn	Vicroads
Natimuk Frances Road C213	200m East of Fire Station for 1.5 kms		Mitre	Plough	Vicroads
Natimuk Frances Road C213	150 m either side of the Fire Station		Mitre	Spray	Vicroads
Natimuk Hamilton Highway Rail Corridor	Between Hateleys Road	Sudholzs Road	Natimuk	Burn	Vicroads
Horsham Noradjuha Road C214	From Township Speed Restriction Signs	Carmichaels Road - East side of the Road	Noradjuha	Burn	Vicroads
Western Highway A8	Between Pimpinio	Beddinsons Road	Pimpinio	Plough	Vicroads
Natimuk Hamilton Highway C214	Between Derwent Lane	Woombelano Road	Telangatuk	Burn	Vicroads
Natimuk Hamilton Highway C214	Peppertree Lane	Jeffries Road	Toolondo	Burn	Vicroads
Natimuk Hamilton Highway C214	From 893103	Toolonda Gun Club Road	Toolondo	Plough	Vicroads
Henty Highway A220	From Nixon's Road	1.2kms North of Butlers Road on the East Side	Wonwondah	Burn	Vicroads

CFA Brigade Works					
Road Name	From	To	CFA Brigade	Treatment	Road Authority
Brimpaen Laharum Road	From Henty Highway	Schmidt's Road	Brimpaen	Burn	Municipality
Scotts Hairs Watsons Road	East from Harrow Clear Lake Rd	End of Road	Clear Lake	Burn	Municipality
Harrow Clear Lake Road	From Jallumba Clear Lake Rd to Jallumba Douglas Rd	Jallumba Douglas Road	Clear Lake	Burn	Municipality
Clear Lake- Sherewoods Dam Road	Between Jallumba Rd and K Emmersons Rd	K Emmersons Road	Clear Lake	Burn	Municipality
Harrow Clear Lake Rd Town Service Road	Parallel to Main Road West side of town between Bow Lake Road	Elliot's Road	Clear Lake	Burn	Municipality
Clear Lake Recreation Reserve	Sherewoods Dam Road		Clear Lake	Burn	Municipality
J Emmersons Road	West from Sherewoods Dam Road	End of Road	Clear Lake	Burn	Municipality
Emmerson Road	West of Sherewoods Road	End of road	Clear Lake	Burn	Municipality
Jallumba Clear Lake Road	From Jackmans Road to Jallumba	Jallumba	Clear Lake	Burn	Municipality
Cooack Road-Quades Road	600 meters West and North from the intersection		Grass Flat	Plough	Municipality
Lake Road	South from Cooack Road	Meyers Road	Grass Flat	Plough	Municipality
Dock Lake Rec Reserve and Western Highway	Highway in front of recreation Area and	Rec Reserve Area	Green Lake	Burn	Municipality
Talyors Lake	Foreshore Area	Watson's Road	Green Lake	Burn	Municipality
Community Hall	Cnr Fishers Road and Horsham Lubeck Road		Green Lake	Burn	Municipality
Wonwondah Dadswells Bridge Road	Intersection with Northern Grampians Rd	Intersection Only	Laharum	Burn	Municipality
McCreddens Road	From Mitre Nurcoun Road North around Connan Swamp	Grid Point 670401	Mitre	Spray	Municipality
Mitre Nurcoun Road - McCreddens Road	East- West behind Greenhill Lake	North along McCreddens Road for 500 meters	Mitre	Burn	Municipality
Mitre Nurcoun Road- Webbs Road- Mitre Grass Flat Road	North of Mitre	500 meters North of Webb Road and mitre Grass Flat Road Intersection	Mitre	Plough	Municipality
Disused Rail Corridor	Between Lears Road	C213	Mitre	Plough	Municipality
McClures Road	Between 465	515	Mitre	Plough	Municipality
Isacsons Road- C213 -Toonan Duffholme Road	North from Rail Corridor along C213 then along Toonan Road	Mt Arapiles SP	Mitre	Plough	Municipality
Mitre Grass Flat Road	From intersection with C213 north for 600 meters		Mitre	Spray	Municipality
Keytes Road - Three Chain Road- Lake Avenue	From Natimuk Frances Road	Ford Boat Ramp - Lake Natimuk	Natimuk	Plough	Municipality
Gladigau Road	From C240	Creek Road	Natimuk	Spray	Municipality
Sudholz Road	Between Creek Road	C219	Natimuk	Slash	Municipality

7.15 Appendix F Terminology

Agencies	Refers to the agencies of the Municipal Fire Management Planning Committee. These include key agencies and organizations such as the Municipality, DELWP , CFA , Victoria Police, SES and Water Authorities.
Agency Treatments	Refer to Treatment Definition in <i>Appendix A.1 Multi Agency Bushfire Asset Risk Management Register</i> .
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	<p>Comes under the definition of an Emergency. The Emergency Management Act 1986 and the Emergency Management Act 2013 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:</p> <ul style="list-style-type: none"> • A fire • An explosion • A road accident or any other accident <p>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.</p>
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 minimizing the occurrence of incidents, particularly those of human origin.

7.16 Appendix G Acronyms

CFA	Country Fire Authority
CIG	Community Information Guides
DET	Department of Education and Training
DELWP	Department of Environment, Land, Water and Planning
DHHS	Department of Health and Human Services
GWMWater	Grampians-Wimmera-Mallee Water
IFMP	Integrated Fire Management Planning
MEMP	Municipal Emergency Management Plan
MEMPC	Municipal Emergency Management Planning Committee
MFMP	Municipal Fire Management Plan
MFMPCC	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

7.17 Appendix H Bibliography

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- Country Fire Authority (2010) Transition Guidelines for Municipal Fire Management Plan Committee – Final Version. *Municipal Fire Prevention Committee Transition to Municipal Fire Management Planning Committee: Improving fire management planning together.*
- Country Fire Authority Act (1958)
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- State of Victoria (2009) State Fire Management Strategy 2009
- State of Victoria (2010) Emergency Management Manual of Victoria
- State of Victoria (2010) The Integrated Fire Management Planning Framework
- VicRoads (2011) Road Bushfire Risk Assessment Guideline



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