

**Joint Fuel Management Program
2018/19 – 2020/2021**



Greater Melbourne Region



**FOREST FIRE
MANAGEMENT VICTORIA**

Acknowledgements

DELWP Port Phillip Region and District Fuel Management staff. Country Fire Authority, particularly Region 8, 13, and 14 Vegetation Management Officers. DELWP Port Phillip Bushfire Risk Landscape team. DELWP Environment and Natural Resources (Biodiversity), Forest Management, Cultural Heritage, Historical Heritage and Engagement values specialists. Parks Victoria, Melbourne Water and VicForests values specialists. Local Government and private property owners involved in cross tenure burn planning for this Fire Operations Plan. Aboriginal Victoria.

We acknowledge and respect the Victorian Traditional Owners, Wurundjeri Tribe Land and Compensation Cultural Heritage Council and Bunurong Land Council Aboriginal Corporation.

Photo credit

Cover: N. Bauer

© The State of Victoria Department of Environment, Land, Water and Planning 2018



This work is licensed under a Creative Commons Attribution 4.0 International licence. You are free to re-use the work under that licence, on the condition that you credit the State of Victoria as author. The licence does not apply to any images, photographs or branding, including the Victorian Coat of Arms, the Victorian

Government logo and the Department of Environment, Land, Water and Planning (DELWP) logo. To view a copy of this licence, visit <http://creativecommons.org/licenses/by/4.0/>

ISBN 978-1-76077-259-8 (pdf/online/MS word)

Disclaimer

This publication may be of assistance to you but the State of Victoria and its employees do not guarantee that the publication is without flaw of any kind or is wholly appropriate for your particular purposes and therefore disclaims all liability for any error, loss or other consequence which may arise from you relying on any information in this publication.

Accessibility

If you would like to receive this publication in an alternative format, please telephone the DELWP Customer Service Centre on 136186, email customer.service@delwp.vic.gov.au or via the National Relay Service on 133 677 www.relayservice.com.au. This document is also available on the internet at www.delwp.vic.gov.au.

Contents

Foreword	4
Purpose and objectives of the Greater Melbourne Joint Fuel Management Program	5
Purpose.....	5
Objective.....	6
Strategic Bushfire Management Planning	6
Bushfire Risk Reduction	7
Working with communities	Error! Bookmark not defined.
Maintaining and enhancing Ecosystem Resilience.....	9
Other objectives specific to the Greater Melbourne Region	11
Indigenous Burning in Port Phillip Region.....	11
Melbourne Water Planned Burns	11
Endorsement	12
Viewing the Greater Melbourne Region Joint Fuel Management Program.....	12
How to become involved in the Joint Fuel Management Program	13
Appendix (i): Schedules of Activities	14
DELWP LEAD AGENCY METROPOLITAN DISTRICT SCHEDULE	14
DELWP LEAD AGENCY YARRA DISTRICT SCHEDULE	26
CFA LEAD AGENCY DISTRICT 8 SCHEDULE	34
CFA LEAD AGENCY DISTRICT 13 SCHEDULE	35
Glossary	38

Foreword

In 2015, the Victorian Government set out a new approach to reducing the risk of bushfire in Victoria called *Safer Together*. *Safer Together* outlines an approach to reducing the risk of bushfires to Victorian communities, which focuses on how effective our actions are in reducing risk. It aims for a more integrated approach across public and private land.

Working together, FFMVic* and the Country Fire Authority (CFA) has developed this first Joint Fuel Management Program which covers the Port Phillip DELWP Region and parts of the South East, North East and North West CFA Regions. It demonstrates our commitment to working more closely to deliver the best bushfire risk reduction outcomes for Victorians. It recognises that bushfire risk occurs across all land.

The Joint Fuel Management Program (JFMP) is compiled to achieve an integrated and risk-focused fuel management program across public and private land. It is designed to implement long-term strategic bushfire management strategies that outline how we will manage the risk of bushfires for the protection of life and property on public and private land, while maintaining and improving natural ecosystems.

Fuel management is recognised as one of the most effective ways to reduce the impacts of bushfires to communities and the environment.

This JFMP has been shaped by a variety of information, such as risk-based planning detailed within our strategic bushfire management plans, specialist input from FFMVic, CFA staff and key industries, as well as knowledge from local communities, including Traditional Owners and key stakeholders.

We have identified planned burns across all land tenures. However, for this first JFMP, only private property burns that are a direct risk reduction benefit, are high profile or where a community need is identified, are included. All other CFA planned burns which are not listed in this document, will be added to the JFMP map over time so the public can see the complete fuel management program from all agencies. In the future, burns will be planned with increasing collaboration, as we continue to work closely together.

All CFA planned burns are documented in Municipal Fire Management Plans held by the relevant local government authority. Some Municipal Fire Management Plans also include strategic fuel breaks, works required for the maintenance of fire access roads and other roadside and railway burns.

The Joint Fuel Management Program (JFMP) replaces the Department of Environment, Land, Water and Planning's (DELWP) Fire Operation Plan (FOP).

Based on feedback and local knowledge from communities and key stakeholders, we will review and update the JFMP each year. We may make changes to burns or other fuel management activities. Our highest priority however, in carrying out fuel management activities is always the need to reduce the impact of bushfires on life and property.

We would like to acknowledge this as a significant milestone for *Safer Together* and recognise the work that has been put into developing this first Joint Fuel Management Plan, both by FFMVic staff, CFA and local communities. We encourage your continued input to ensure our plans protect those assets and values which are important to all Victorians.

Chris Eagle, Assistant Chief Fire Officer DELWP, Port Phillip Region

Trevor Owen, Assistant Chief Officer CFA, South East Region

Ross Sullivan, Assistant Chief Officer CFA, North East Region

Gavin Thompson, Assistant Chief Officer CFA, North West Region

* Forest Fire Management Victoria (FFMVic) – is the organisation that delivers services to achieve DELWP's legislated responsibilities. It consists of specialist staff from DELWP, Parks Victoria, Melbourne Water and VicForests.

Purpose and objectives of the Greater Melbourne Joint Fuel Management Program

Purpose

The maps and schedules contained within this Joint Fuel Management Program set out where and when fuel management activities are planned to occur for the period 2018/19 to 2020/21 within the Greater Melbourne.

These activities are carried out to reduce bushfire fuels – like leaves, twigs, bark and grass – to make bushfires less intense, minimising the risk to communities and providing safety to fire-fighters while fighting these fires. Activities are also done to maintain the health of ecosystems that rely on fire to regenerate.

It is important to note that the ability to carry out burns is dependent on seasonal and local weather conditions. To allow for this, planned burns from the second and third years of the program may be brought forward to the current year to replace a burn planned for the first year.

Fuel Management activities are under taken across the landscape on public and private land. Through the fuel management planning processes the appropriate lead agency for delivery has been determined.

This document consists of Lead Agency District sub-plans and contains the following schedules:

Schedule 1 – Planned Burns. This schedule lists planned fuel reduction, ecological and other planned burns by indicative year for the three-year period.

Schedule 2 – Non-Burn Fuel Treatments. This schedule summaries the program that uses methods other than burning to achieve the fuel management objectives.

Schedule 3 – Strategic Fuelbreaks. This schedule provides an overview of FFMVic strategic fuelbreaks to be constructed during the three-year period. The locations of strategic fuelbreaks are included for information only. These activities are approved via other DELWP and Parks Victoria processes.

It should be noted that CFA/Municipality led strategic fuel breaks are not included in this Regional JFMP. These activities are approved and listed as part of Municipal planning processes.

The following Districts are part of the Greater Melbourne area:

Metropolitan District, DELWP	District 8, CFA
Yarra District, DELWP	District 13, CFA
	District 14, CFA

CFA Lead Planned Burns will continue to be planned and delivered through their respective Authorising District, irrespective of which regional JFMP they appear in.

Map 1: Greater Melbourne Region



Burns associated with logging regeneration as well as small heap burns are not included in the Joint Fuel Management Program process.

The Joint Fuel Management Program is prepared and will be implemented in accordance with the *Code of Practice for Bushfire Management on Public Land 2012* (the Code), *Safer Together: A new approach to reducing the risk of bushfire in Victoria* and relevant CFA and FFMVic Instructions, Manuals and Guidelines.

Objective

The Greater Melbourne JFMP has been developed to implement strategies set out in DELWP's strategic bushfire management plans which address DELWP's legal obligations, policy commitments and objectives, including:

- bushfire risk reduction to protect human life and property,
- maintaining and enhancing ecosystem resilience, and
- achieving other desired outcomes as identified by communities.

Strategic Bushfire Management Planning

DELWP in consultation with CFA and communities has developed long-term strategic bushfire management plans to identify where it is best to undertake fire management to achieve the above objectives.

The strategies apply four Fire Management Zones (FMZ) on public land as described in the Code. This zoning establishes the primary objective for fuel management in different areas of the public land landscape and include:

Asset Protection Zone (APZ): where intensive fuel management provides the highest level of localised protection to human life and property;

Bushfire Moderation Zone (BMZ): where there is fuel management to reduce the speed and intensity of bushfires, either close to towns or as they spread through the landscape;

Landscape Management Zone (LMZ): where fuel management is done to reduce fuel hazard, improve ecosystem resilience and manage the land for particular uses (such as forest regeneration and water catchment protection); and

Planned Burning Exclusion Zone (PBEZ): where there is no planned burning, mainly to protect areas that can't tolerate fire.

The zones and other strategies in strategic bushfire management plans inform the development of the JFMP. They are used to determine where fuel management activities need to be carried out over the next three-year period to meet the longer-term strategy's objectives, if weather and other conditions permit.

Burns are planned across all available fire management zones (APZ, BMZ and LMZ) for maintaining bushfire risk to desired levels. It is just as important to carry out planned burns in remote areas, as fires can start in these areas and spread to threaten houses and communities.

Fire Management Zoning will be expanded to cover private land as further analysis occurs. This next step will re-enforce our tenure-blind commitment to achieving an integrated approach to bushfire fuel management.

The proposed JFMP supports the implementation of the approved East Central fuel management strategy in the Strategic Bushfire Management Plan (SBMP). The East Central SBMP outlines key Priority Fuel Management Areas where risk reduction is most beneficial. At the end of 2016, Fire Management Zones within the Priority Fuel Management Areas were assessed and some were modified to reflect the intent of the Priority Fuel Management Areas in line with the SBMP.

The East Central fuel management strategy works in a combination of burning close to assets to protect them from fire by direct flame contact and by undertaking burning often long distances away from the assets to change the behaviour of fire and reduce spotting and fire convection.

Within Yarra District, planned burns aim to reduce fuel hazard for the protection of life and property in four large sub-catchments. These include Healesville, Warburton and adjacent towns, Powelltown and Bunyip State Park and towns to the south. These planned burns are a part of a larger mosaic of burns that, combined, aim to reduce risk to larger settlements. There are also a few planned burns situated within Yarra State Forest and Yarra Ranges National Park which are treated on longer rotations but aim to protect Melbourne's designated water supply catchments and slow the spread of large bushfires moving into the bush. Several smaller burns aim to reduce localised risk to specific areas such as Cockatoo and Beaconsfield Upper.

Metropolitan District planned burns are also based on sub-catchments, but have smaller areas due to the nature of the District being largely peri-urban development. The Dandenongs, Lysterfield and Warrandyte planned burns in APZ/BMZ are all for the protection of nearby residents as well as for communities living downstream under bushfire weather conditions. Arthur's Seat planned burn consolidates efforts from previous years. There is proportionally a large amount of planned burning in LMZ in Metropolitan District as these areas are being treated for positive ecological fire regimes.

Delivering the ECBRL strategy in Greater Melbourne in the short term is achievable. In the medium to long term there are potential issues with burning some areas under their desired ecological tolerances or thresholds. To respond to this issue as part of expanding strategic bushfire management planning the Forest and Fire Planning team are undertaking a substantial review of the ECBRL plan including the development of a 'Landscape Management Zone' strategy that is aligned to the Metropolitan footprint. The strategy seeks to give greater clarity as to how we manage fuel in LMZ's having consideration for both ecological and risk reduction priorities. The development of a new Strategic Bushfire Management Plan for our region will focus on a new footprint and move us away from the current Bushfire Risk Landscapes (BRL's) back to a footprint closer aligned to the Port Phillip Regional boundary.

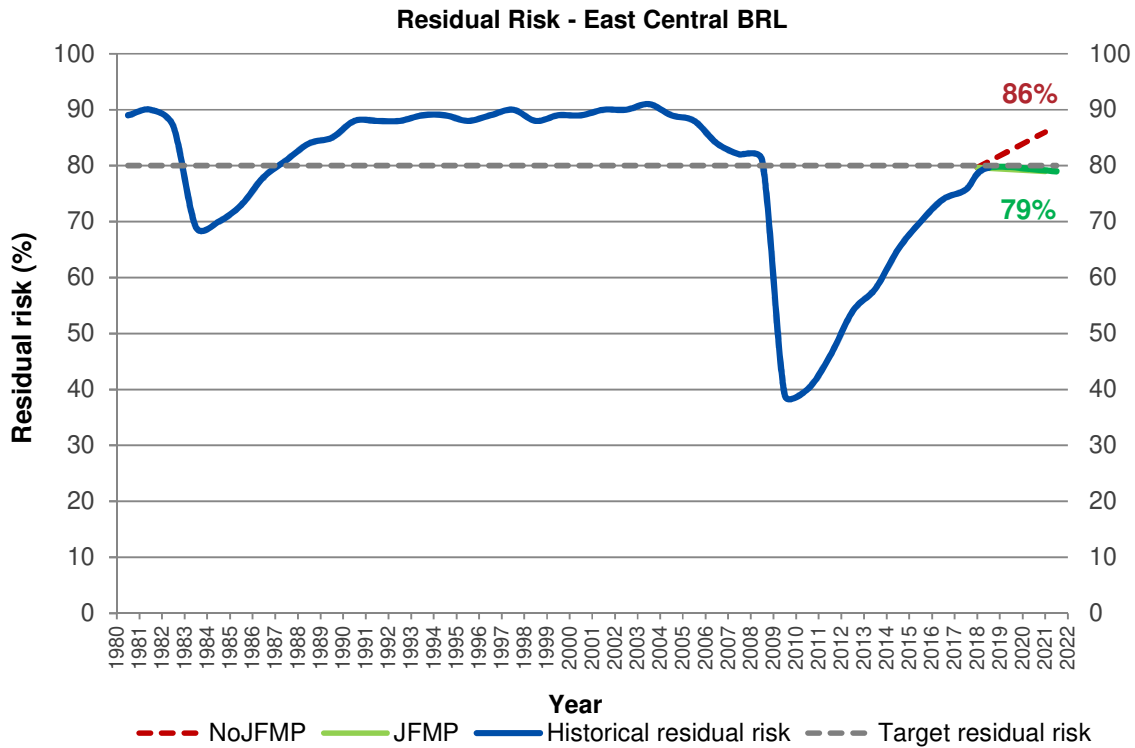
Bushfire Risk Reduction

Safer Together: A new approach to reducing the risk of bushfire in Victoria sets out the Victorian Government's commitments to reducing the risk of bushfire in Victoria. It adopts a risk reduction target to guide fuel management, maintaining bushfire risk at or below a residual risk of 70% in the long-term.

Residual risk, is the risk, on average, that bushfires will impact on life and property across the landscape. It is expressed as the percentage of the risk that remains after bushfire history and fuel management (mainly planned burning) activities are considered.

To create the JFMP a residual risk target of less than 80%, as set by the SBMP, was used. Fuel management treatments were then selected to maintain residual risk below this target for the duration of the JFMP. Fuel treatments within LMZ areas are undertaken primarily for ecological purposes.

Following the 2017/18 fuel management program and bushfires that occurred in this period, the East Central risk landscape is at 80% residual risk. The short-term target for East Central is to stabilise the increase in risk to below 90%, as areas impacted by the Black Saturday Bushfires re-grow, and once again become flammable. The 2017/2018 Port Phillip Region FOP is projected to keep the residual risk at, or below 80% over the next three years.



Safer Together commits DELWP and CFA to working together, sharing responsibility for fuel management with private landholders and local government. This new approach will enhance DELWP and CFA to plan, prepare and deliver a fuel management program across the landscape, regardless of land tenure.

Where cross-tenure and private property burns have been included on this JFMP, representatives from either/or both CFA and DELWP have worked collaboratively with the relevant landholder(s) to plan the burn. Burns conducted partially or wholly on private land are always undertaken with the landholder's consent.

The total number of hectares that are planned in each year are provided in Table 1 below.

Table 1. Total area planned for fuel treatment (planned burning) and the number of them for 2018/19 – 2020/21

District	2018-19 (ha)	2019-20 (ha)	2020-21 (ha)	Total
Metropolitan District	834 (25)	738 (20)	325 (18)	1,897(63)
Yarra District	3,663 (13)	3,691 (17)	3,535 (20)	10,888 (50)
CFA District 8	59 (7)	TBD	TBD	59 (7)
CFA District 13	17 (13)	1 (1)	TBD	18 (14)
CFA District 14	TBD	TBD	TBD	TBD
Annual Total	4,574 (58)	4,428 (38)	3,861 (38)	12, 862 (134)

Approximately 1,826 hectares of Non-Burn Fuel Treatment (NBFT) works is planned in the 2018-19 year of the JFMP. NBFT works include annual and periodic slashing, mulching, or other vegetation management.

Working with communities

Managing bushfire risk is an ongoing and shared responsibility in which everyone has a role. To work well with communities to manage bushfire risk, DELWP operates under the principles of the *DELWP Community Charter* and CFA operates under the *CFA Service Delivery Strategy 2015-2020*.

In the Greater Melbourne area, DELWP and CFA form partnerships with each other to work with communities, while each agency also maintains relationships with communities independent of each other. Under *Safer Together*, partnerships between DELWP, CFA, local government and other agencies will continue to be enhanced so that communities receive the best level of service.

DELWP and CFA work all year round with communities to understand and reduce bushfire risk. As a part of delivering *Safer Together*, DELWP has worked with many stakeholders and partners to develop the JFMP, including Traditional Owner groups, local Government, community groups, individual community members, peak environment groups, tourism boards and agricultural businesses. These bodies have provided valuable input by highlighting important values for protection and fuel treatment nominations. Engagement occurred through various channels, including written submissions, face-to-face meetings, field visits, community information events, and telephone conversations. This local knowledge has been incorporated in determining where planned burns take place, how they should be delivered and what values should take place. This JFMP will have most effect on communities of the Gembrook, Healesville, Upper Yarra Valley, Little Yarra Valley, Dandenong Ranges, Lysterfield, Eltham and St Andrews area. We will be working closely with these, and other communities to manage this.

Individuals, agencies and community groups in Port Phillip Region are encouraged to contact DELWP at any time of the year to discuss fuel management and planned burning in their local area.

Consistent with *Safer Together: A new approach to reducing the risk of bushfire in Victoria* both Yarra and Metropolitan Districts work with the CFA to identify and undertake fuel management opportunities to reduce bushfire risk on private property and Committee of Management (COM) land adjacent to our public land estate. These cross tenure burns provide an increased level of risk reduction as burn boundaries can be placed more strategically or logically when adopting a tenure blind approach (see Table 2). Often FFMVic are able to bring burn edges out to paddocks, or closer to houses than would otherwise not be possible. In some cases, where tracks do not exist or access is too difficult, burns would not be possible at all without the inclusion of private property or COM land. District staff work closely with both local CFA brigades, CFA Vegetation Management Officers (VMO), private land owners and local Government to plan, prepare and deliver these, and other burns.

Table 2. Cross tenure burns for 2018/19 – 2020/21 JFMP.

2018-19 (ha)	2019-20 (ha)	2020-21 (ha)
Beaconsfield - O'Neil Road	Cairnlea - Pimelea Tce	Belgrave South - Ballarat Tk
Cairnlea – Dunbarrim Ave	French Island - Prison Boundary Tk	
Cairnlea - Edgewater Cct	Langwarrin - Sugar Glider Pl	
Cairnlea – Magazine Ave	Montrose - Rowdys Track	
Gembrook – Gillwell	Officer – Haunted Gully Road*	
Kalorama - Scenic Cr	St Andrews - Sutton Street	
Keilor - Kings Road	Three Bridges – Barber Hill Track	
Mount Dandenong - Kyeema Track East	Toolebewong – Chapman Road	
Silvan - Melba Track		
St Andrews - Flora Cr		
St Andrews - Pindari Road		
Tonimbuk – Dingo Ridge Track		
Truganina - Woods Rd		

Maintaining and enhancing Ecosystem Resilience

An objective of *the Code* is to “maintain or improve the resilience of natural ecosystems and their ability to deliver services such as biodiversity, water, carbon storage and forest products” (the Code). Strategic bushfire management plans include consideration of ecosystem resilience at a strategic level over the long term, particularly how we can measure it. However, DELWP is working towards developing a more detailed

understanding of how planned burning might impact flora and fauna, and how we can use fire to maintain and enhance ecosystem resilience into the future.

FFMVic policy defines *ecosystem resilience* as an ecosystem's capacity to absorb both natural and management-imposed disturbance but still retain its basic structure, function and identity.

In planning and measuring the environmental impacts of bushfire management, FFMVic uses Tolerable Fire Intervals (TFI) as a surrogate of ecosystem resilience. Additional measures relating to the Geometric Mean Abundance of species in a community and to Vegetation Growth Stage Structures will be recognised in the future JFMPs.

Port Phillip Region, as a part of the East Central Bushfire Risk Landscape, has more specific landscape objectives to avoid ecologically significant area such as:

- Longest unburnt vegetation (oldest areas of an ecological vegetation class) to help vegetation types transition into older growth.
- Targeting areas within TFI, and avoiding areas below TFI wherever possible.
- Assessing the protection provided by the JFMP to reduce bushfire risk, as well as the potential impact on key *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) species and communities.
- Avoiding planned burning and ignition in Leadbeater's Possum habitat and identifying and protecting colonies.
- Identifying the growth stage distribution of areas targeted in each year of the JFMP to avoid treating large areas of juvenile vegetation where such a fire regime is inappropriate.

Across the whole of the ECBRL, of which Port Phillip Region is apart, the JFMP has attempted to address the ecological objectives as mentioned above. The current Port Phillip Region JFMP has been effective in addressing the ecological objectives by minimising areas being burnt below TFI, while at the same time targeting areas for burning in APZ and BMZs where risk reduction for human life and property is high. This is consistent with the ECBRL strategy, where areas of APZ and BMZ are prioritised for treatment as they have high risk reduction benefits. Conversely, areas of LMZ should only be targeted to meet ecological outcomes, i.e. to achieve a desired vegetation growth stage structure. Analysis indicates that despite the implementation of the JFMP, areas in Port Phillip Region are recovering post 2009 Black Saturday fires with large areas transitioning from Juvenile to Adolescent growth stages.

Areas of Leadbeater's Possum habitat have been incorporated into fire planning at a tactical or operational level. Identified habitat is excluded as much as practical from fuel management.

Unburnt vegetation provides critical habitat for a large range of taxonomic groups, especially immediately after adjacent areas are burnt. It acts as a resource for animals, which will then disperse as the burnt area regenerates. Long-unburnt vegetation has particular benefits, specifically hollows that form only in old trees and are used by arboreal mammals, birds, bats and reptiles. It is for this reason that across the ECBRL, of which Port Phillip, Hume and Gippsland Regions intersect, there have been areas chosen across different Ecological Vegetation Classes as "longest unburnt" (logging history is also considered) representative areas. These representative areas are considered in the JFMP process and any potential negative impacts mitigated at a tactical level, i.e. burn exclusion. Across the ECBRL there are 10 planned burns (one in Port Phillip, six in Gippsland and three in Hume Regions) which contain these longest unburnt areas; as stated mitigations, will occur at a tactical level.

Across the ECBRL the Leadbeaters Possum *Gymnobelideus leadbeateri*, Long-nosed Potoroo *Potorous tridactylus*, Spotted Tailed Quoll *Dasyurus maculatus*, Southern Brown Bandicoot *Isodon obesulus*, Smoky Mouse *Pseudomys fumeus* and Greater Glider *Petauroides volans* are priority species for the BRL to monitor both the impacts of planned burning and risk from bushfire. Most of this work is being undertaken as per an ongoing state-wide project aimed at assessing potential impacts on Matters of National Environmental Significance, stated later in this document. However, the Leadbeater's Possum has been a particular priority species due to the predicted decline of the species and threat from fire, both planned and bushfire. Within the ECBRL in the Murrindindi, Yarra and Latrobe Districts, where the species occurs, any potential negative impacts from the JFMP are mitigated at a tactical level using the species predicted habitat layer (LBP Occupancy Model) and tactical planning, i.e. burn exclusion.

This current JFMP supports ecological priorities by containing approximately 994 ha of ecological burning, which is aimed at either promoting or maintaining ecosystem function and species of specific vegetation communities (i.e. grasslands) and or ensuring diversity of growth stages across parts of the landscape. The Port Phillip Region JFMP also supports ecological priorities by focusing burning activities in areas deemed of strategic importance for bushfire risk reduction and, outside of these areas, limits burning below TFI. Furthermore, areas that have been identified as Longest Unburnt have been mapped and will be excluded from planned burning at a tactical level by FFMVic fuel management teams. See Table 5 for an annual area summary of planned burning scheduled to be undertaken for ecological outcomes.

Table 2. Total area ha of fuel management (planned burning) scheduled for each year of the 2018/19 – 2020/21 JFMP, for ecological outcomes.

	2018-19 (ha)	2019-20 (ha)	2020-21 (ha)	Total
Metropolitan District	553 (14)	268 (11)	142 (9)	962
Yarra District	19 (3)	6 (2)	6 (1)	32
Annual Total	571 (17)	274 (13)	149	994

Potential impacts on species and communities listed under the EPBC Act or the Victorian Flora and Fauna Guarantee Act 1988 (FFG Act) have been addressed at the operational review stage of the JFMP. Records of listed species from the Victorian Biodiversity Atlas were used to identify potential conflicts with proposed burns and works. Advice has been provided regarding the potential nature of any impacts, along with recommendations to eliminate, mitigate or minimise potential threats to these values during planned burning. DELWP is currently developing a strategic assessment process to identify, assess and mitigate potential impacts of the planned burning program on Matters of National Environmental Significance.

Other objectives specific to the Greater Melbourne Region

Cultural Burning in Port Phillip Region

There are currently two cultural burns scheduled on the Port Phillip Region JFMP, located in Paul Range, Yarra District, that will be delivered by FFMVic staff in conjunction with Wurundjeri Tribe Land and Compensation Cultural Heritage Council (WTLCCHC). These burns will be undertaken for social, cultural, and fuel reduction outcomes, and will directly allow the Aboriginal people of Wurundjeri to be involved in our work across landscapes, environment and communities. Although no cultural burns are currently scheduled ongoing engagement is occurring with Bunurong Land Council Aboriginal Corporation.

These burns build on previous work done in this area and the first Traditional Cultural Heritage planned burns to be included in a Port Phillip JFMP. FFMVic and WTLCCHC are committed to nurturing a collaborative relationship that will increase the capacity for undertaking Indigenous burning within the Region, now and into the future.

Melbourne Water Planned Burns

Melbourne Water (MW) undertake planned burning to provide protection outcomes for Melbourne’s water supply catchments, and to reduce the bushfire risk to human life and property in areas surrounding these catchments. Several burns are planned to be undertaken during the next three years on land outside the Fire Protected Area. All planning, approvals and delivery of these burns is the responsibility of Melbourne Water and CFA. A complete list of these burns can be seen in Appendix i. MW burns are included in this JFMP for stakeholder and community notification purposes.

Endorsement

The 2018/19 – 2020/21 Joint Fuel Management Plan for the Greater Melbourne Region has been endorsed by:

DELWP Chief Fire Officer: Chris Hardman

CFA Chief Officer: Steve Warrington

Assistant Chief Fire Officer, Chris Eagle Region: Port Phillip

CFA Assistant Chief Officer, Trevor Owen CFA Region: South East

CFA Assistant Chief Officer, Ross Sullivan CFA Region: North East

Noting for on ground ignition and delivery of cross tenure and private property burns, DELWP and CFA agency responsibilities remain unchanged.

Viewing the Greater Melbourne Region Joint Fuel Management Program

The 2018/19 – 2020/21 Joint Fuel Management Plan for the Greater Melbourne Region can be viewed during normal business hours at the following office locations:

Location	Address
Powelltown (DELWP)	Main Road, Powelltown
Woori Yallock (Parks Victoria)	7-11 Symes Road, Woori Yallock
Gembrook (Parks Victoria)	10 Beenak East Road, Gembrook
Olinda (Parks Victoria)	Woolrich Road, Olinda
Warrandyte (Parks Victoria)	Pound Bend Road, Warrandyte
Knoxfield (DELWP)	609 Burwood Highway, Knoxfield
Rosebud (Parks Victoria)	2 Hinton Street, Rosebud
Dandenong South (CFA)	45 Assembly Drive, Dandenong South
Lilydale (CFA)	18-22 Lakeview Drive, Lilydale

Viewing the Plan online:

You can view the Greater Melbourne Joint Fuel Management Program online at:

<http://www.ffm.vic.gov.au/bushfire-fuel-and-risk-management/fire-operation-plans>

Upcoming burns

Burns that will be conducted within the next ten days (weather conditions permitting) can be viewed at:

<http://www.ffm.vic.gov.au/bushfire-fuel-and-risk-management/planned-burns>

You can also sign up to the Planned burning notification system (PBNS) and Vic Emergency App to receive automated SMS and email notifications about planned burns when they are close to being carried out.

How to become involved in the Joint Fuel Management Program

DELWP and CFA welcome comment on fire management all year round, on all parts of the planning process – both strategic and operational. Please be aware that due to the planning cycle your comments relating to fire operations may be included in next year's Joint Fuel Management Plan.

Comments and suggestions about DELWP and CFA fire management planning can be sent to:

Nicholas Bauer, Fuel Management Coordinator, DELWP – Port Phillip (nicholas.bauer@delwp.vic.gov.au)

Gareth George, Vegetation Management Officer, CFA District 8 (gareth.george@cfa.vic.gov.au)

Sharron Merritt, Vegetation Management Officer, CFA District 13 (s.merritt@cfa.vic.gov.au)

Appendix (i): Schedules of Activities

DELWP LEAD AGENCY METROPOLITAN DISTRICT SCHEDULE

SCHEDULE 1: PLANNED BURNS

The activities in this schedule are planned burns.

Please note that the planned burn year and season identified for each planned burn is indicative only and may be changed due to weather conditions and operational requirements.

Abbreviations in Schedule1: "*" asterisk on burn name denotes a cross tenure burn; PV - Parks Victoria; COM - Committee of Management; DELWP- Department of Environment Land Water and Planning; PP – Private Property; FRB - Fuel Reduction Burn; ECO - ecological burn; FMZ – Fire Management Zone; APZ - Asset Protection Zone; BMZ – Bushfire Moderation Zone; LMZ - Landscape Management Zone; PBEZ – Planned Burn Exclusion Zone; NZ -Not Zoned.

DELWP Lead Agency Planned Burns 2018/19

Local Government Area	Burn Number	Burn Name	General Location	Land Manager	Burn Season	Burn Type (FRB/ECO)	Land Management Objective	FMZ	Planned Burn Size (ha)
Brimbank City	PP-MET-WDL-0022	Cairnlea - Edgewater Cct	1 Km N of Cairnlea (Melways 25 H2)	Com Other	Autumn	ECO	To modify the vegetation structure across the planned area to assist the promotion of basalt grassland EVD.	Non FPA Land	4.3
Brimbank City	PP-MET-WDL-0028	Cairnlea - Dunbarrim Ave	1.5km SW of Cairnlea (Melways 25 F8)	Com Other	Autumn	FRB	To modify the vegetation structure across the planned area to assist the promotion of basalt grassland EVD, and assist with weed management	Non FPA Land	2.5
Brimbank City	PP-MET-WDL-0032	Keilor - Kings Road	2.3 Km NE of Sydenham (Melways 3 G7)		Autumn	ECO	GRASSLAND - SHIRE	Non FPA Land	16.5
Brimbank City	PP-MET-WDL-0432	Cairnlea - Magazine Av	0.5km N of Cairlea (Melways 25 J4)	Com Other	Autumn	ECO	To modify the vegetation structure across the planned area to assist the promotion of basalt grassland EVD, and assist with weed management	Non FPA Land	2
Hume City	PP-MET-WDL-0016	Mount Ridley - West	3.2 Km SSW of Donnybrook (Melways 366 E9)	Parks Victoria	Autumn	ECO	To modify the vegetation structure across the planned area to assist the promotion of basalt grassland EVD, and assist with weed management	LMZ	13.51

Local Government Area	Burn Number	Burn Name	General Location	Land Manager	Burn Season	Burn Type (FRB/ECO)	Land Management Objective	FMZ	Planned Burn Size (ha)
Manningham City	PP-MET-WSP-0010	Warrandyte - David Road	.5km S of Warrandyte (Melways 23 F12)	Parks Victoria	Autumn	FRB	To provide the highest level of localised protection to human life, property and community assets identified as highly valued including residents in the vicinity of David and Webb Streets and the Warrandyte township.	APZ	4.05
Mornington Peninsula	PP-MET-RBD-0007	Point Nepean - Wilsons Folley East	1.4 Km WSW of Portsea - (Melways 167 A11)	Parks Victoria	Autumn	ECO	To modify the vegetation abundance across the planned area to assist the control of Coastal Tea Tree.	LMZ	2.21
Mornington Peninsula	PP-MET-RBD-0008	Point Nepean - Harrisons Bowl	2.1 Km WSW of Postsea - (Melways 166 K9)	Parks Victoria	Autumn	ECO	To modify the vegetation abundance across the planned area to assist the control of Coastal Tea Tree.	LMZ	1.81
Nillumbik	PP-MET-WSP-0003	St Andrews - Flora Cr	0.5km NE of St Andrews (Melways 394 G12)	Parks Victoria	Autumn	ECO	To modify the vegetation structure across the planned area to assist the promotion of Grassy/Heathy Dry Forest.	LMZ	7.73
Nillumbik	PP-MET-WSP-0009	St Andrews - Pindari Road	.5km E of St Andrews	Parks Victoria	Autumn	FRB	To provide the highest level of localised protection to human life, property and community assets identified as highly valued including St Andrews township.	APZ	15.1
Whittlesea City	PP-MET-PTG-0003	Greensborough - Wanbanna Ave	2km NW of Greensbrough (Melways 10 H10)	Com Parks Victoria	Autumn	FRB	To develop a fuel reduced area to the North East of residents in the vicinity of Wanbanna Ave and Corowa Cr.	LMZ	11.34
Wyndham City	PP-MET-WDL-0034	Little River - Bulban Rd	5.3 Km NNE of Little River (Melways 11 D11)	Parks Victoria	Spring	ECO	To assist with weed management trial project on Serrated Tussock. To modify the vegetation structure across the planned area to assist the promotion of basalt grassland EVD.	LMZ	16.8
Wyndham City	PP-MET-WDL-0041	Truganina - Neroli Cr	4.2 Km NW of Laverton (Melways 203 H3)	Parks Victoria	Autumn	ECO	To modify the vegetation structure across the planned area to assist the promotion of basalt grassland EVD, and assist with weed management	LMZ	6.3
Wyndham City	PP-MET-WDL-0042	Truganina - Woods Rd	2 Km SSE of Truginina (Melways 360 C11)	Dept Of Health	Autumn	ECO	COM BIODIVERSITY BURN, Spiny Rice Flower	Non FPA Land	1.2

Local Government Area	Burn Number	Burn Name	General Location	Land Manager	Burn Season	Burn Type (FRB/ECO)	Land Management Objective	FMZ	Planned Burn Size (ha)
Wyndham City	PP-MET-WDL-0451	Laverton North - William Angliss Dr	5.2km N of Laverton (Melways 39 F10)	Parks Victoria	Autumn	ECO	To modify the vegetation structure across the planned area to assist the promotion of basalt grassland EVD, and assist with weed management	LMZ	16.01
Wyndham City	PP-MET-WGR-0003	Quandong - Ballan Rd	9 Km NNW of Wyndamvale (Melways 7 C8)	Parks Victoria	Autumn	ECO	To modify the vegetation structure across the planned area to assist the promotion of basalt grassland EVD, and assist with weed management	LMZ	196.64
Yarra Ranges	PP-MET-DRP-0013	Mt Dandenong - Kyeema Trk	4km NW of Olinda (Melways 52 E12)	Parks Victoria	Autumn	FRB	To provide a high level of strategic protection to human life, property and highly valued assets <specify> and	APZ	86
Yarra Ranges	PP-MET-DRP-0016	Kalorama - Old Coach Rd	0.3km NE of Kalorama (Melways 52 H9)	Parks Victoria	Autumn	FRB	To provide the highest level of localised protection to human life, property and community assets identified as highly valued including property in the vicinity of Old Coach Road, Jasper Road and Thompsons Road.	APZ	10.65
Yarra Ranges	PP-MET-DRP-0018	Mount Dandenong - Kyeema Track East	3km NE of Olinda (Melways 66 E1)	Parks Victoria	Spring	FRB	To provide the highest level of localised protection to human life, property and community assets identified as highly valued including Sky High restaurant, B & B's and private residents along Ridge and Observatory Road.	APZ	9.2
Yarra Ranges	PP-MET-DRP-1021	Ferny Creek - Alpine Road	0.5km NNW of Ferny Creek (Melways 66 B12)	Parks Victoria	Autumn	FRB	To provide a high level of strategic protection to human life, property and highly valued assets in the vicinity of Seebreeze Ave, Alpine Rd and Highview Rd.	APZ	30.08
Yarra Ranges	PP-MET-DRP-1022	Silvan - Melba Track	1km NW of Silvan (Melways 120 G10)	Parks Victoria	Autumn	FRB	To provide a high level of strategic protection to human life, property and highly valued assets in the vicinity of Monbulk Road and Silvan Rd.	BMZ	58.2
Yarra Ranges	PP-MET-LYS-1909	Lysterfield - Sunset Trk	2km Ene of Lysterfield (Melways 83 K3)	Parks Victoria	Autumn	FRB	To provide an irregular mosaic of areas of fuel reduction which will complement works in adjacent fuel management zones.	BMZ	31.99

Local Government Area	Burn Number	Burn Name	General Location	Land Manager	Burn Season	Burn Type (FRB/ECO)	Land Management Objective	FMZ	Planned Burn Size (ha)
French Island	PP-MET-RBD-0009	French Island - Mcleod West	French Island (Vicmap 6875 C7)	Parks Victoria	Autumn	ECO	To modify the vegetation structure across the planned area to assist the promotion of Heathland (sands) (general).	LMZ	241.29
French Island	PP-MET-WDL-0025	Mount Cottrell - Troups Road West	5km NE of Mount Cottrell (Melways 222 J6)	Parks Victoria	Autumn	FRB	To modify the vegetation structure across the planned area to assist the promotion of basalt grassland EVD, and assist with weed management	LMZ	21.01
Melton	PP-MET-WDL-0421	Ravenhall - Riding Boundary Rd	3km S of Ravenhall (Melways 358 G12)	Parks Victoria	Autumn	ECO	To modify the vegetation structure across the planned area to assist the promotion of basalt grassland EVD, and assist with weed management.	LMZ	26.23

DELWP Lead Agency Planned Burns 2020/21

Local Government Area	Burn Number	Burn Name	General Location	Land Manager	Burn Season	Burn Type (FRB/ECO)	Land Management Objective	FMZ	Planned Burn Size (ha)
Brimbank City	WDL-0005	Derrimut - Fisher And Paykel Crt	2.5 Km ENE of Derrimut	Parks Victoria	Autumn	ECO	To modify the vegetation structure across the planned area to assist the promotion of basalt grassland EVD, and assist with weed management	LMZ	42
Brimbank City	WDL-0024	Cairnlea - Pimelea Tce	1.2 Km ENE of Cairnlea	Com	Autumn	ECO	To modify the vegetation structure across the planned area to assist the promotion of basalt grassland EVD, and assist with weed management	Non FPA Land	2
Darebin City	WSP-0011	Gresswell Forest - Centre Tk	1.7 Km N of Mcleod	Parks Victoria	Winter	ECO	To re-introduce fire into the environment in collaboration with traditional owners	Non FPA Land	3.6
Frankston City	RBD-0005	Langwarrin - Sugar Glider Pl	4 Km ESE of Frankston		Autumn	FRB	To provide a high level of strategic protection to human life, property and highly valued assets	Non FPA Land	6.5
French Island	PP-MET-RBD-0006	French Island - Prison Boundary Tk	15km NE of Tankerton	Parks Victoria	Autumn	FRB	To modify the vegetation abundance across the planned area to assist the control of Pinus pinaster.	LMZ	275.52
Hobsons Bay City	EC000412	Laverton - East	Melways 54 A3	Parks Victoria	Autumn	ECO	To modify the vegetation structure across the planned area to assist the promotion of basalt grassland EVD, and assist with weed management	LMZ	25.73
Hume City	PP-MET-WDL-0020	Campbellfield - Cooper St Central	Melways 7 K1	Parks Victoria	Autumn	ECO	To modify the vegetation structure across the planned area to assist the promotion of basalt grassland EVD, and assist with weed management	LMZ	15.15
Hume City	WDL-0035	Mickleham - Donnybrook Rd	3.5 Km SW of Kalkallo		Autumn	ECO	To modify the vegetation structure across the planned area to assist the promotion of basalt grassland EVD, and assist with weed management	Non FPA Land	43.9
Melton	EC000397	Mount Cottrell - Boundary Rd	2.3km SE of Mount Cottrell	Parks Victoria	Spring	ECO	To modify the vegetation structure across the planned area to assist the promotion of	LMZ	40

Local Government Area	Burn Number	Burn Name	General Location	Land Manager	Burn Season	Burn Type (FRB/ECO)	Land Management Objective	FMZ	Planned Burn Size (ha)
							basalt grassland EVD, and assist with weed management		
Melton	WDL-0030	Keilor - Banchory - North	2 Km NNE of Sydenham	Parks Victoria	Autumn	ECO	To modify the vegetation structure across the planned area to assist the promotion of basalt grassland EVD, and assist with weed management	LMZ	10.2
Melton	WDL-0039	Ravenhall - Christies Rd	500 m E of Ravenhall	Parks Victoria	Autumn	ECO	To modify the vegetation structure across the planned area to assist the promotion of basalt grassland EVD, and assist with weed management	Non FPA Land	18.4
Nillumbik	PP-MET-WSP-0007	St Andrews - Sutton Street	5km NW of St Andrews (Melways 394 H12)	Parks Victoria	Autumn	FRB	To develop a fuel reduced area to the North of St Andrews township.	BMZ	19.65
Whittlesea City	EC000438	Craigieburn - Oherns Rd West	Melways 180 G4	Parks Victoria	Autumn	ECO	To modify the vegetation structure across the planned area to assist the promotion of basalt grassland EVD.	LMZ	56.67
Wyndham City	WDL-0043	Truganina - Rock Garden Drive	3.8 Km NW of Laverton	Parks Victoria	Autumn	ECO	To modify the vegetation structure across the planned area to assist the promotion of basalt grassland EVD, and assist with weed management	Non FPA Land	10
Yarra Ranges	D50	Mt Dandenong - Doongalla Forest	2km SW of Mount Dandenong	Parks Victoria	Autumn	FRB	To develop fuel reduced areas of sufficient width and continuity to reduce the spread of wildfire in the vicinity of Kyeema Track	BMZ	32.24
Yarra Ranges	DRP-0031	Montrose - Rowdys Track	4.9 Km NNE Olinda	Parks Victoria	Autumn	FRB	To provide a high level of strategic protection to human life, property and highly valued assets in the vicinity of Hands, Jasper and Thompsons Rd	APZ	16
Yarra Ranges	DRP-0034	Upwey - Hughes Street	4.8 Km SW of Olinda	Parks Victoria	Autumn	FRB	To provide a high level of strategic protection to human life, property and highly valued assets along Hughes Street, Dealbata Road and residents in Upwey	APZ	19
Yarra Ranges	EC000283	Sassafras - School Trk	Sassafras - Melways 66 E9	Parks Victoria	Autumn	FRB	To provide a high level of strategic protection to human life, property and highly	APZ	25.9

Local Government Area	Burn Number	Burn Name	General Location	Land Manager	Burn Season	Burn Type (FRB/ECO)	Land Management Objective	FMZ	Planned Burn Size (ha)
							valued assets in the vicinity of Aurora Rise, Mason Grove and Chudleigh Crescent		
Yarra Ranges	PP-MET-DRP-0019	Olinda - Ridge Track	1.5km W of Olinda	Parks Victoria	Autumn	FRB	To build on protection works in the adjacent Asset Protection Zone to develop fuel reduced areas of sufficient width and continuity to reduce the spread of wildfire towards the communities of Olinda and Sassafras	BMZ	44.09
Yarra Ranges	PP-MET-DRP-0026	Olinda - Road 16	4km NE of Olinda	Parks Victoria	Autumn	FRB	To develop a fuel reduced area to the South West of Silvan water treatment plant and the Silvan Reservoir visitor area.	BMZ	31.39

DELWP Lead Agency Planned Burns 2020/21

Local Government Area	Burn Number	Burn Name	General Location	Land Manager	Burn Season	Burn Type (FRB/ECO)	Land Management Objective	FMZ	Planned Burn Size (ha)
Brimbank City	WDL-0028	Derrimut - Gilbertsons North	1.5 Km SSW of Derrimut	Parks Victoria	Autumn	ECO	To modify the vegetation structure across the planned area to assist the promotion of basalt grassland EVD, and assist with weed management	LMZ	5.25
Brimbank City	WDL-0029	Derrimut - Foleys Rd	2.8 Km N of Derrimut	Parks Victoria	Autumn	ECO	To modify the vegetation structure across the planned area to assist the promotion of basalt grassland EVD, and assist with weed management	LMZ	14
Casey City	LYS-0006	Lysterfield South - West Boundary Tk	6.7 Km WSW of Belgrave South	Parks Victoria	Autumn	FRB	To develop an understanding of fire behaviour in spotted gum plantation to inform fire prediction modelling	LMZ	1.6
Hobsons Bay City	EC000413	Laverton - West	Melways 53 J4	Parks Victoria	Autumn	ECO	To modify the vegetation structure across the planned area to assist the promotion of basalt grassland EVD, and assist with weed management	LMZ	20.88
Hume City	WDL-0025	Campbellfield - Cooper St North	3 Km NE of Campbellfield	Parks Victoria	Autumn	ECO	To modify the vegetation structure across the planned area to assist the promotion of basalt grassland EVD, and assist with weed management	LMZ	23.3
Manningham City	PP-MET-WSP-0006	Warrandyte - Pigtail Track	1.1km SE of Warrandyte	Parks Victoria	Autumn	FRB	To provide the highest level of localised protection to human life, property and community assets identified as highly valued including residents adjoining Harding & Pigtail roads.	APZ	10.9
Melton	WDL-0026	Caroline Springs - Clarke Rd	1.3 Km W of Caroline Springs	Parks Victoria	Autumn	ECO	GRASSLAND	Non FPA Land	4
Melton	WDL-0031	Keilor - Banchory - South	1.5 Km NNE of Sydenham	Parks Victoria	Autumn	ECO	To modify the vegetation structure across the planned area to assist the promotion of basalt grassland EVD, and assist with weed management	LMZ	11.5
Melton	WDL-0040	Ravenhall - Middle Rd	3 Km S of Ravenhall	Parks Victoria	Autumn	ECO	To modify the vegetation structure across the planned area to assist the promotion of	LMZ	42

Local Government Area	Burn Number	Burn Name	General Location	Land Manager	Burn Season	Burn Type (FRB/ECO)	Land Management Objective	FMZ	Planned Burn Size (ha)
							basalt grassland EVD, and assist with weed management		
Mornington Peninsula	PP-MET-RBD-0003	Arthurs Seat - Purves Road	.5km W of Arthurs Seat	Parks Victoria	Autumn	FRB	To provide the highest level of localised protection to human life, property and community assets identified as highly valued including residents and businesses in the vicinity of Purves Road and Pindara Road.	APZ	8.21
Wyndham City	PP-MET-WDL-0015	Laverton North - Boundary Rd	5.7km N of Laverton	Parks Victoria	Autumn	ECO	To modify the vegetation structure across the planned area to assist the promotion of basalt grassland EVD, and assist with weed management	LMZ	5.8
Wyndham City	WDL-0044	Truganina - Galactic Way	3 Km NW of Laverton	Parks Victoria	Autumn	ECO	To modify the vegetation structure across the planned area to assist the promotion of basalt grassland EVD, and assist with weed management	Non FPA Land	15.5
Yarra Ranges	DRP-0029	Olinda - VW Track	2.9 Km NE of Olinda	Parks Victoria	Autumn	FRB	To develop fuel reduced areas of sufficient width and continuity to reduce the spread of wildfire towards the communities of Olinda and Monbulk	BMZ	50
Yarra Ranges	EC000159	Mt Dandenong - Trig Trk	1km NE of Mount Dandenong	Parks Victoria	Autumn	FRB	To provide a high level of strategic protection to human life, property and highly valued assets such as Sky High, numerous B& B's and private residence along Ridge road and Observatory road.	APZ	41.58
Yarra Ranges	EC000265	Mt Dandenong - Dandenong Ck Trk	1.8km SSW of Mount Dandenong	Parks Victoria	Summer	FRB	To provide a high level of strategic protection to human life, property and highly valued assets in the vicinity of Viola Ave, Toroa and Range Roads.	APZ	16.72
Yarra Ranges	EDR0058	Sassafras - Caterpillar Trk	1.6km NW of Sassafras	Parks Victoria	Autumn	FRB	To provide a high level of strategic protection to human life, property and highly valued assets in the vicinity of Dodds Rd and Basin-Olinda Rd.	APZ	24.94
Yarra Ranges	EDR0060	Sassafras - Wannawong	0.9km NW of Sassafras	Parks Victoria	Autumn	FRB	To provide a high level of strategic protection to human life, property and highly	APZ	17.5

Local Government Area	Burn Number	Burn Name	General Location	Land Manager	Burn Season	Burn Type (FRB/ECO)	Land Management Objective	FMZ	Planned Burn Size (ha)
							valued assets in the vicinity of Mountain Highway and Heathersett Rd.		
Yarra Ranges	LYS-0005	BELGRAVE SOUTH - BALLARAT TK	2.5 Km W of Belgrave South	Parks Victoria	Autumn	FRB	To develop fuel reduced areas of sufficient width and continuity to reduce the spread of wildfire towards residents in the vicinity of Ryans Rd	BMZ	11.8

SCHEDULE 2: NON-BURN FUEL TREATMENTS 2018/19 - DELWP Lead Agency

The table below contains a summary of proposed non-burn fuel treatments over the following year. Some of these fuel treatments are annual, with others prioritised based on the seasonal conditions and which planned burns are scheduled. Accompanying maps provide detail on where these fuel treatment activities are located. Note that the maps show approximate areas only and the actual treatment area will be dependent on the condition of the fuels at the time of assessment. Please contact your local DELWP or Parks Victoria office if further detail is required.

Works by Land Manager	Parks Victoria (ha)	DELWP (ha)	Other (ha)
Hectares Planned			

SCHEDULE 3: NEW STRATEGIC FUELBREAKS 2018/19 - DELWP Lead Agency

DELWP and Parks Victoria work together to establish and maintain a network of strategic fuelbreaks to expand the protection of communities, forests and parks from the risk of bushfire. A strategic fuelbreak is a strip of land where vegetation has been modified to reduce the amount of fuel available to burn during a bushfire. Strategic fuelbreaks are an important tool for fire management on public land. They provide a fuel-reduced area from which to conduct back burning ahead of an approaching bushfire or to assist in the implementation of a planned burn.

Machinery is used to clear vegetation generally within a 15-20-metre-wide strip. In some instances, this width could be up to 40m. Existing roads and tracks are considered part of the clearing. Where possible, overstorey trees are retained to provide shading and connection between the trees for wildlife and landscape values. The locations of strategic fuelbreaks are included for information only. These activities are approved via other DELWP and Parks Victoria processes. CFA strategic fuel breaks are included in Municipal Fire Management Plans.

Strategic fuel break maintenance is an annual program and included in Schedule 2 above.

Road or Location Name	Locality	Operation Type	Distance (km)

DELWP LEAD AGENCY YARRA DISTRICT SCHEDULE

SCHEDULE 1: PLANNED BURNS

The activities in this schedule are planned burns.

Please note that the planned burn year and season identified for each planned burn is indicative only and may be changed due to weather conditions and operational requirements.

Abbreviations in Schedule1: "*" asterisk on burn name denotes a cross tenure burn; PV - Parks Victoria; COM - Committee of Management; DELWP- Department of Environment Land Water and Planning; PP – Private Property; FRB - Fuel Reduction Burn; ECO - ecological burn; FMZ – Fire Management Zone; APZ - Asset Protection Zone; BMZ – Bushfire Moderation Zone; LMZ - Landscape Management Zone; PBEZ – Planned Burn Exclusion Zone; NZ -Not Zoned.

DELWP Lead Agency Planned Burns 2018/19

Local Government Area	Burn Number	Burn Name	General Location	Land Owner/Manager	Burn Season	Burn Type (FRB/ECO)	Land Management Objective	Planned Burn Size (ha)	Planned Burn Size (km)
Yarra Ranges	MWCA01	Melbourne Water - Cardinia - Bg01	1.8km SW of Emerald	Water Authority	Autumn	ECO	To treat area for Burgan removal and rough heap removed vegetation. Burn heaps and slash.	Non FPA Land	10.6
Yarra Ranges	PP-YRA-GEM-0005	Cockatoo - Yellow Track	1km W of Cockatoo	Parks Victoria	Autumn	FRB	To provide a high level of strategic protection to human life, property and highly valued assets in the Cockatoo area.	APZ	9.9
Yarra Ranges	PP-YRA-GEM-0007	Gembrook - Gillwell	1km N of Whites Corner (Vicmap Ref 6698 F4)	COM Other	Spring	FRB	To develop fuel reduced areas to reduce the spread of wildfire for the protection of Gillwell Scout Camp	BMZ	37.9
Yarra Ranges	PP-YRA-GEM-0023	Officer - Haunted Gully Road	2.5km North of Officer	COM OTHER	Autumn	FRB	To develop fuel reduced areas of sufficient width and continuity to reduce the spread of wildfire.	Non FPA Land	22.02
Yarra Ranges	PP-YRA-PMW-0005	Reefton - Doctors Creek	6kms NE of Reefton	DELWP	Autumn	FRB	To develop a fuel reduced area to the North of Melbourne's water supply catchment area (Upper Yarra) and provide protection to Reefton township.	BMZ	619.2
Yarra Ranges	PP-YRA-POW-0002	Three Bridges -	1.9km S of Three Bridges	DELWP	Autumn	FRB	To develop a fuel reduced corridor South of Gilderoy and Three Bridges.	BMZ	480.2

		Mount Beenak							
Yarra Ranges	PP-YRA-POW-0015	McMahons Creek - Mm Fireline	4kms South of McMahons Creek	DELWP	Autumn	FRB	To build on protection works in the adjacent Asset Protection Zone.	BMZ	1413
Yarra Ranges	PP-YRA-POW-0023	Gilderoy - Torbetts Road	1.5km S of Gilderoy (Vicmap Ref 6619 H13)	DELWP	Autumn	FRB	To build on protection works in the adjacent Asset Protection Zone.	BMZ	89.3
Yarra Ranges	PP-YRA-POW-0028	Millgrove - Little Joe Track	1.5kms East of Wesburn	DELWP	Autumn	FRB	To provide the highest level of localised protection to human life, property and community assets identified as highly valued including properties in the Millgrove and Wesburn area.	APZ	72.4
Yarra Ranges	PP-YRA-POW-0036	Toolebewong - Chapman Road	2kms West of MT TOOLEBWONG	DELWP	Autumn	FRB	To develop a fuel reduced corridor North West of Warburton Valley.	BMZ	82.4
Yarra Ranges	PP-YRA-POW-0039	Reefton - MB Fireline	3km NE of McMahons Creek	DELWP	Autumn	FRB	To develop fuel reduced areas of sufficient width and continuity to reduce the spread of wildfire	BMZ	315.3
Yarra Ranges	PP-YRA-WYK-0004	Badger Creek - Picaninny Creek	3km South of Healeville	Committee of Management	Autumn	ECO	To modify the vegetation composition across the planned area to assist the promotion of Foothills Forest.	Non FPA Land	1.5
Yarra Ranges	PP-YRA-WYK-0005	Badger Creek - Koo Wee Rup Track	3kms South of Healesville	Committee of Management	Autumn	ECO	To modify the vegetation composition across the planned area to assist the promotion of Foothills Forest.	Non FPA Land	6.85

DELWP Lead Agency Planned Burns 2020/21

Local Government Area	Burn Number	Burn Name	General Location	Land Manager	Burn Season	Burn Type (FRB/ECO)	Land Management Objective	FMZ	Planned Burn Size (ha)
Yarra Ranges	PP-YRA-PMW-0006	Reefton - Batts Creek	3kms NE of Reefton	DELWP	Autumn	FRB	To develop a fuel reduced area to the Melbournes water supply catchment area (Upper Yarra) and associated infrastructure.	BMZ	1386
Yarra Ranges	PP-YRA-PMW-0007	Reefton - Yankee Jim Fireline	2km South East of Reefton	DELWP	Autumn	FRB	To develop fuel reduced areas of sufficient width and continuity to reduce the spread of wildfire	BMZ	477.4
Yarra Ranges	PP-YRA-POW-0006	Reefton - Two Mile Creek	2km NE of McMahons Creek	DELWP	Autumn	FRB	To develop a fuel reduced area to the North of the Reefton CFA Station.	BMZ	2.57
Yarra Ranges	PP-YRA-POW-0011	Toolangi - Glenwood Link Track	3KM E OF TOOLANGI	DELWP	Autumn	FRB	To modify the vegetation abundance across the planned area to assist the promotion of localised grasses and understory species through indigenous burning practices.	LMZ	3.89
Yarra Ranges	PP-YRA-POW-0012	Don Valley - Rifle Range	2km NE of Don Valley	DELWP	Autumn	FRB	To provide a high level of strategic protection to human life, property and highly valued assets in the Station Road area.	APZ	110.22
Yarra Ranges	PP-YRA-POW-0013	Three Bridges - Barber Hill Track	2km SE of Gladysdale		Autumn	FRB	To develop fuel reduced areas of sufficient width and continuity to reduce the spread of wildfire.	Non FPA Land	438.3
Yarra Ranges	PP-YRA-POW-0016	Millgrove - Warburton Highway		DELWP	Autumn	FRB	To provide the highest level of localised protection to human life, property and community assets identified as highly valued including properties in the Millgrove and Wesburn area.	APZ	71.64
Yarra Ranges	PP-YRA-POW-0026	Gilderoy - Gilderoy Road	2.5kms S of Gilderoy	DELWP	Autumn	FRB	To provide an irregular mosaic of areas of fuel reduction which will complement works in adjacent fuel management zones.	BMZ	124.3

Local Government Area	Burn Number	Burn Name	General Location	Land Manager	Burn Season	Burn Type (FRB/ECO)	Land Management Objective	FMZ	Planned Burn Size (ha)
Yarra Ranges	PP-YRA-POW-0029	Powelltown - Learmonth Creek Road	1KM S of Powelltown	DELWP	Autumn	FRB	To develop fuel reduced areas of sufficient width and continuity to reduce the spread of wildfire.	BMZ	390
Yarra Ranges	PP-YRA-POW-0034	Reefton - Fisherman Drive	2kms N of Reefton	DELWP	Autumn	FRB	To provide a high level of strategic protection to human life, property and highly valued assets in the Reefton township area.	APZ	93.44
Yarra Ranges	PP-YRA-WYK-0002	Healesville - Rd 15	2.5km NE of Healesville	DELWP	Autumn	FRB	To provide a high level of strategic protection to human life, property and highly valued assets in the vicinity of the Maroondah Dam.	APZ	85.55
Yarra Ranges	PP-YRA-WYK-0008	Badger Creek - Floodplain Track	3kms South of Healesville	Committee of Management	Autumn	ECO	To modify the vegetation composition across the planned area to assist the promotion of Foothills Forest.	Non FPA Land	5.2
Yarra Ranges	PP-YRA-WYK-0009	Badger Creek - North Track	3kms South of Healesville	Committee of Management	Autumn	ECO	To modify the vegetation composition across the planned area to assist the promotion of Foothills Forest.	Non FPA Land	1.22
Yarra Ranges	MWCA04	Melbourne Water Cardinia - Pb04	1.3km SW of Emerald	Water Authority	Autumn	FRB	To develop fuel reduced areas of sufficient width and continuity to reduce the spread of wildfire.	Non FPA Land	17.2
Yarra Ranges	PP-YRA-GEM-0004	Gembrook - Reids Track	6km NE of Tonimbuk	Parks Victoria	Autumn	FRB	To develop fuel reduced areas of sufficient width and continuity to reduce the spread of wildfire.	BMZ	267.38
Cardinia	PP-YRA-GEM-0012	Tynong North - Avars Track	2.7km NE of Maryknoll	Parks Victoria	Autumn	FRB	To develop fuel reduced areas of sufficient width and continuity to reduce the speed and intensity of bushfires.	BMZ	164.6
Yarra Ranges	PP-YRA-GEM-0021	Gembrook - Kurth Kiln Track	6kms N of Gembrook	Parks Victoria	Autumn	FRB	To provide an irregular mosaic of areas of fuel reduction which will complement works in adjacent fuel management zones.	BMZ	51.6

DELWP Lead Agency Planned Burns 2020/21

Local Government Area	Burn Number	Burn Name	General Location	Land Manager	Burn Season	Burn Type (FRB/ECO)	Land Management Objective	FMZ	Planned Burn Size (ha)
Yarra Ranges	PP-YRA-PMW-0003	Cambarville - Bears Creek	13KM NE REEFTON	Parks Victoria	Autumn	FRB	To provide an irregular mosaic of areas of fuel reduction which will complement works in adjacent fuel management zones.	BMZ	1139
Yarra Ranges	PP-YRA-POW-0010	McMahons Creek - Cedar Crescent		DELWP	Autumn	FRB	To provide the highest level of localised protection to human life, property and community assets identified as highly valued including the McMahons Creek township.	APZ	84.57
Yarra Ranges	PP-YRA-POW-0014	Reefton - Yarra River	0.3km W of Reefton (Vicmap Ref 6538 J6)	DELWP	Autumn	FRB	To provide a high level of strategic protection to human life, property and highly valued assets in the Reefton township area.	BMZ	15.73
Yarra Ranges	PP-YRA-POW-0024	Dixons Creek - Link Track	4km NE of Dixons Creek	DELWP	Autumn	FRB	To modify the vegetation abundance across the planned area to assist the promotion of localised grasses and understory species through indigenous burning practices.	BMZ	24.44
Yarra Ranges	PP-YRA-POW-0025	Big Pats Creek - Mississippi Creek Road	4kms SE of Big Pats Creek	DELWP	Autumn	FRB	To build on protection works in the adjacent Asset Protection Zone.	BMZ	440
Yarra Ranges	PP-YRA-POW-0027	Gilderoy - Settlement Creek Track	2.5kms S of Gilderoy	DELWP	Autumn	FRB	To build on protection works in the adjacent Asset Protection Zone.	BMZ	140
Yarra Ranges	PP-YRA-POW-0030	Powelltown - Walk Into History	3kms E of Powelltown	DELWP	Autumn	FRB	To develop fuel reduced areas of sufficient width and continuity to reduce the spread of wildfire.	LMZ	179
Yarra Ranges	PP-YRA-POW-0031	Powelltown - Big Bertha Track	1km N of Powelltown	DELWP	Autumn	FRB	To provide the highest level of localised protection to human life, property and community assets identified as highly	APZ	75.36

Local Government Area	Burn Number	Burn Name	General Location	Land Manager	Burn Season	Burn Type (FRB/ECO)	Land Management Objective	FMZ	Planned Burn Size (ha)
							valued including the Powelltown township.		
Yarra Ranges	PP-YRA-POW-0032	Reefton - Boundary Road	1km S of Reefton	DELWP	Autumn	FRB	To develop a fuel reduced area to the Melbourne's water supply catchment area (Upper Yarra) and provide a high level of strategic protection to Reefton township and surrounding area.	BMZ	152.5
Yarra Ranges	PP-YRA-POW-0035	Toolangi - Glenwood Drive	3KM E OF TOOLANGI	DELWP	Autumn	FRB	To provide a high level of strategic protection to human life, property and highly valued assets in the Glenwood Drive area.	APZ	21.33
Yarra Ranges	PP-YRA-POW-0037	Wesburn - Mineshaft Hill Track	2kms SE of Wesburn	DELWP	Autumn	FRB	To provide the highest level of localised protection to human life, property and community assets identified as highly valued including properties in the Millgrove and Wesburn area.	APZ	112
Yarra Ranges	PP-YRA-POW-0038	Gladysdale - Prices Road	3kms SW of Gladysdale		Autumn	FRB	To provide an irregular mosaic of areas of fuel reduction which will complement works in adjacent fuel management zones. Cross tenure burn to assist residents in protecting their property.	Non FPA Land	46.3
Yarra Ranges	PP-YRA-WYK-0003	Gruyere - Range Road	3kms NE of Gruyere	Parks Victoria	Autumn	FRB	To build on protection works in the adjacent Asset Protection Zone.	BMZ	132
Yarra Ranges	PP-YRA-WYK-0006	Healesville - Mt Riddle Road	4kms E of Healesville	Parks Victoria	Autumn	FRB	To develop fuel reduced areas of sufficient width and continuity to reduce the spread of wildfire.	BMZ	179.5
Yarra Ranges	PP-YRA-WYK-0007	Healesville - Boxs Hill	5km E of Healesville	Parks Victoria	Autumn	FRB	To develop fuel reduced areas of sufficient width and continuity to reduce the spread of wildfire.	BMZ	197.8
Yarra Ranges	PP-YRA-WYK-0010	Badger Creek - Coranderrk Creek	1.5kms E of Badger Creek	Committee Of Management	Autumn	ECO	To modify the vegetation composition across the planned area to assist the promotion of Foothills Forest.	Non FPA Land	6.34

Local Government Area	Burn Number	Burn Name	General Location	Land Manager	Burn Season	Burn Type (FRB/ECO)	Land Management Objective	FMZ	Planned Burn Size (ha)
Cardinia	PP-YRA-GEM-0003	Beaconsfield - O'Neil Road	2KM S OF BEACONSFIELD UPPER	COM Other	Autumn	FRB	To develop fuel reduced areas of sufficient width and continuity to reduce the speed and intensity of bushfires.	Non FPA Land	57.71
Yarra Ranges	PP-YRA-GEM-0010	Gembrook - Ridge Track	4.6km NE of Gembrook	Parks Victoria	Autumn	FRB	To develop fuel reduced areas of sufficient width and continuity to reduce the speed and intensity of bushfires.	BMZ	158.39
Yarra Ranges	PP-YRA-GEM-0013	Gembrook - Lawless Creek		Parks Victoria	Autumn	FRB	To develop fuel reduced areas of sufficient width and continuity to reduce the speed and intensity of bushfires.	BMZ	366.18
Yarra Ranges	PP-YRA-GEM-0014	Cockatoo - Banksia Track	2KM W OF COCKATOO	Parks Victoria	Autumn	FRB	To provide the highest level of localised protection to human life, property and community assets identified as highly valued including the township of Cockatoo.	APZ	6.87

SCHEDULE 2: NON-BURN FUEL TREATMENTS 2018/19 - DELWP Lead Agency

The table below contains a summary of proposed non-burn fuel treatments over the following year. Some of these fuel treatments are annual, with others prioritised based on the seasonal conditions and which planned burns are scheduled. Accompanying maps provide detail on where these fuel treatment activities are located. Note that the maps show approximate areas only and the actual treatment area will be dependent on the condition of the fuels at the time of assessment. Please contact your local DELWP or Parks Victoria office if further detail is required.

Works by Land Manager	Parks Victoria (ha)	DELWP (ha)	Other (ha)
Hectares Planned	152.2	199.9	-

CFA LEAD AGENCY DISTRICT 8 SCHEDULE

SCHEDULE 1: PLANNED BURNS

The activities in this schedule are planned burns.

Please note that the planned burn year and season identified for each planned burn is indicative only and may be changed due to weather conditions and operational requirements.

Abbreviations in Schedule1: ** asterisk on burn name denotes a cross tenure burn; COM - Committee of Management; PP – Private Property; FRB - Fuel Reduction Burn; ECO - ecological burn;

CFA Lead Agency Planned Burns 2018/19

Local Government Area	Burn Number	Burn Name	General Location	Land Manager	Burn Season	Burn Type (FRB/ECO)	Land Management Objective	Planned Burn Size (ha)
Bass Coast	D08-18-006	Peacocks Road	Grantville		Autumn	FRB	To provide a high level of strategic protection to human life, property and highly valued assets	4.7
Frankston City	D08-18-004	Metro Trains	Baxter		Autumn	FRB	To provide a high level of strategic protection to human life, property and highly valued assets	3.5
Mornington Peninsula	D08-18-003	Moorooduc Woods Bush Reserve	Moorooduc		Autumn	FRB	To provide a high level of strategic protection to human life, property and highly valued assets.	8.9
Mornington Peninsula	D08-18-004	Mt Eliza Wooralla Road	Mount Eliza		Autumn	FRB	To provide a high level of strategic protection to human life, property and highly valued assets.	20.9
Cardinia	D08-18-001	Brennan Reserve	Upper Beaconsfield		Autumn	FRB	To provide a high level of strategic protection to human life, property and highly valued assets	3
Cardinia	D08-18-002	RJ Chambers	Pakenham Upper	COM Council	Autumn	FRB	To provide a high level of strategic protection to human life, property and highly valued assets	11
Mornington Peninsula	D08-18-006	Foxeys Hangout	Moorooduc		Autumn	FRB	To provide a high level of strategic protection to human life, property and highly valued assets	6.

CFA LEAD AGENCY DISTRICT 13 SCHEDULE

SCHEDULE 1: PLANNED BURNS

The activities in this schedule are planned burns.

Please note that the planned burn year and season identified for each planned burn is indicative only and may be changed due to weather conditions and operational requirements.

Abbreviations in Schedule1: *** asterisk on burn name denotes a cross tenure burn; COM - Committee of Management; PP – Private Property; FRB - Fuel Reduction Burn; ECO - ecological burn;

CFA Lead Agency Planned Burns 2018/19

Local Government Area	Burn Number	Burn Name	General Location	Land Manager	Burn Season	Burn Type (FRB/ECO)	Land Management Objective	Planned Burn Size (ha)
Knox City	D13-10-030	Rowville Starlight	ROWVILLE		Autumn	FRB	To provide a high level of strategic protection to human life, property and highly valued assets in the residential area adjoining the reserve	0.3
Knox City	D13-13-035	Knoxfield Lakewood	LAKESWOOD RESERVE, KNOXFIELD		Autumn	FRB	To provide a high level of strategic protection to human life, property and highly valued assets particularly the adjacent residential area	0.6
Knox City	D13-13-045	Wantirna - Batemans	WANTIRNA		Autumn	FRB	To provide a high level of strategic protection to human life, property and highly valued assets	1.1
Maroondah City	D13-18-011	The Basin - Bungalook	Kilsyth	Maroondah City council	Autumn	ECO	To provide conditions for the establishment of Kilsyth South Spider Orchid in densities at least greater than present	0.9
Yarra Ranges	D13-15-005	Monbulk Mountain District Christian School 5 & 6	325 Macclesfield road Monbulk		Spring	FRB	To develop fuel reduced areas of sufficient width and continuity to reduce the spread of wildfire and provide protection to the school	1.5
Yarra Ranges	D13-15-015	Montrose Mt Evelyn Christian School	135-141 York road Montrose		Autumn	FRB	To provide a high level of strategic protection to human life, property and highly valued assets in particular the school buildings, staff and students and increase biodiversity	0.2

Local Government Area	Burn Number	Burn Name	General Location	Land Manager	Burn Season	Burn Type (FRB/ECO)	Land Management Objective	Planned Burn Size (ha)
Yarra Ranges	D13-17-007	Selby Minak Reserve 1 & 2	Banool road Selby		Autumn	FRB	To provide a high level of strategic protection to human life, property and highly valued assets <specify> and increase growth stage representation	0.4
Yarra Ranges	D13-17-015	Kalorama - May Moon Reserve	1190-1196 Mt Dandenong Tourist road Kalorama		Autumn	FRB	To develop fuel reduced areas of sufficient width and continuity to reduce the spread of wildfire and reduce weeds	0.6
Yarra Ranges	D13-19-001	Belgrave South - Birdsland 1	Birdsland Mount Morton road Belgrave South		Autumn	FRB	To build on protection works in adjacent asset protection zone and reduce risk to Belgrave South township	6.3
Yarra Ranges	D13-19-003	Launching Place - Bellbird Ave Reserve	2030 Warburton Highway Launching Place		Autumn	FRB	To provide a high level of strategic protection to human life, property and highly valued assets <specify> and reduce fuel along access road	0.4
Yarra Ranges	D13-19-004	Launching Place - Wickhams Reserve	Wickhams Reserve Warburton Highway and Merrigum Lane Launching Place		Autumn	FRB	To provide a high level of strategic protection to human life, property and highly valued assets <specify> and increase biodiversity	0.5
Yarra Ranges	D13-19-009	Monbulk 265 Old Emerald	265 Old Emerald road Monbulk		Autumn	FRB	To develop fuel reduced areas of sufficient width and continuity to reduce the spread of wildfire and protect adjacent houses	0.5
Yarra Ranges	D13-18-005	Emerald Secondary College	EMERALD	Education Department	Autumn	FRB	To provide a high level of strategic protection to human life, property and highly valued assets namely Emerald Secondary College and its staff and students	3.7
Yarra Ranges		Kalorama - Childs Road	2 Childs road Kalorama		Autumn	FRB	To develop fuel reduced areas of sufficient width and continuity to reduce the spread of wildfire and reduce radiant heat to anyone at the oval	0.5
Maroondah		Bayswater Park	799 Mountain Highway Bayswater		Autumn	ECO	To provide conditions for the establishment of native species in densities at least double what is present than present within 2yrs of burning and fuel reduction of introduced grasses	0.5

Glossary

This glossary provides information on terms contained within the body of this document and the schedules.

Burn Type – indicates the primary purpose of the burn including fuel reduction burn (FRB), ecological burn (ECO).

Burn Number and Name– the unique identifier for each burn or planned fuel management activity.

Cross-tenure burn – burns that cover both public and private land

Fire Management Zone (FMZ) – an area of public land in which fire is managed for specific asset, fuel and ecological objectives. Values included in this column can be APZ - Asset Protection Zone; BMZ – Bushfire Moderation Zone; LMZ - Landscape Management Zone, PBEZ – Planned Burn Exclusion Zone; or, NZ -Not Zoned.

Forest Fire Management Victoria (FFMVic) - is the organisation that delivers services to achieve DELWP's legislated responsibilities. It consists of specialist staff from DELWP, Parks Victoria, Melbourne Water and VicForests.

Indicative Burn Season – indicates the preferred season in which the burn will be completed. Actual delivery may be any time of the year.

Land Manager – the organisation responsible for day-to-day management of the works site – DELWP (Department of Environment Land Water and Planning); PV (Parks Victoria).

Land Management Objective - identifies the desired land management outcome(s) of the burn.

Local Government Area (LGA) – the municipality in which the majority of the fuel management activity is located.

Location – a direction and distance of the planned burn from the nearest major township/locality.

Planned Burns - Planned burning is one of FFMVic and CFA's most important fire prevention activities. It involves the controlled application of fire during periods of lower fire risk, to achieve one of three main purposes: fuel reduction, ecological management and forest regeneration.

It is important to understand that planned burning operations, particularly fuel reduction burns, do not stop or eliminate the risk of bushfires. However, Victorian research, and similar information from other parts of Australia and overseas, clearly shows that firefighters have a much better chance of managing bushfires in areas where fuel reduction burns have been carried out.

Approved burns in this year's Plan will require a range of preparation works to make the planned area ready to ignite when the weather and other conditions are right. Preparation works may include, brushing up or grading of existing boundaries and internal tracks, management of hazardous trees, the construction and preparation of boundary and control lines with machinery and pest plant controls. The preparation works will have on-site inspections which will assess the surrounding assets and planned burn objectives.

Private Property Burn – burn that occurs wholly on private land.

Planned Burn Size – the maximum area of the fuel management activity measured in hectares (ha), including areas specifically excluded from disturbance.

Strategic Fuelbreak: A strategic fuelbreak is a strip of land where vegetation has been modified to reduce the amount of fuel available to burn during a bushfire.

New Burn– 'NEW' = New burn did not appear on last year's FFMVic JFMP. *Blank box* = Not a new burn. Burn was approved in the previous (2018/19- 2020/21) Fire Operations Plan but has not been carried out, it is included in this JFMP and may be conducted at any time.

Non-Burn Fuel Treatments – Non burn fuel treatments such as the maintenance and construction of fire control lines, fire access tracks, fuel breaks, fire infrastructure and other fuel management activities are required to support the planned burning program. Treatments to achieve these works can include slashing, pruning, chemical application (in alignment with safety standards), grazing or other operations (such as ploughing, mulching or rolling) that may be more appropriate or practical in certain areas. For example, fuel on small areas or blocks located within townships may be treated mechanically, where burning is impractical. These methods may also be more suitable in certain vegetation types.

**SAFER
TOGETHER**



**FOREST FIRE
MANAGEMENT VICTORIA**