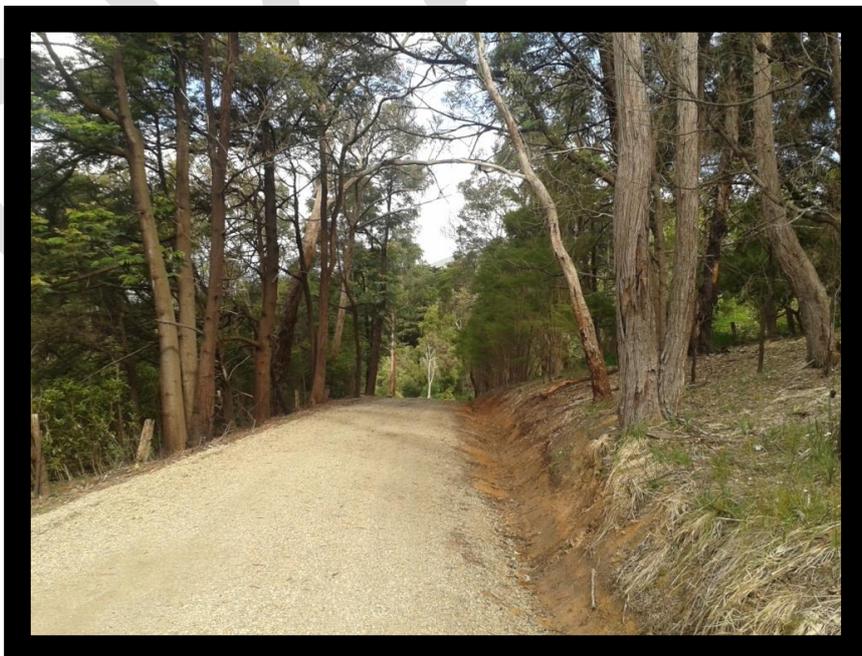
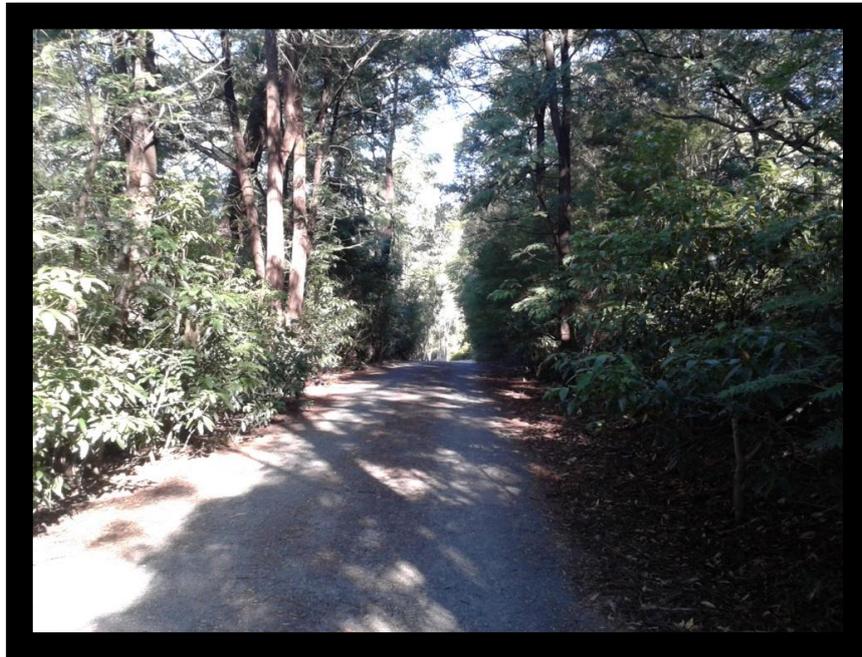


Roadside Vegetation Management – Fire exemptions for roadsides

NB Highlighted text = changes made or unresolved questions



Before and after pictures of fuel management works along Monda Parade, Healesville. Elevated fuel removal has been achieved through environmental weed removal.

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Part 1: Introduction

1.1 Purpose

The purpose of this document is to facilitate an agreement between the Yarra Ranges Council and the Secretary of the Department of Environment and Primary Industries (DEPI) to access the planning permit exemptions available for the management of native vegetation on roadsides for bushfire risk management (the Agreement). It will also provide decision makers with clarity on the process and decision guidelines for determining appropriate fuel management treatments for roadsides not currently included in the work plan.

The document also includes discussion of;

- The planning controls including Clause 53 of the Yarra Ranges Planning Scheme
- The link between risk assessment and minimising significant environmental impacts in determining roads for treatment
- The Work Plans development process.

1.2 The Yarra Ranges Council's Roadside Fuel Reduction Programs

There are two main programs that deal with fuel modification of vegetation on roadsides;

1. **The Annual Fire Slash of Roadsides.** This is the primary fuel management program for roadsides and addresses fine fuels. It covers large areas of the municipality. Roadsides listed in the program are fuel reduced by tractor mounted slashing. Different levels of treatment are prescribed depending upon the environmental assets on the roadsides.
2. **The Roadside Fuel Modification Program.** This program targets elevated fuel loads on roadsides. The majority of the fuel reduction works are achieved through the removal of environmental weeds.

1.3 Report Layout

The report is divided into four parts;

- Part 1 is the introduction providing background and an explanation of Yarra Ranges Council's approach to the planning of fuel management on roadsides. The legislation and policy relating to the management of environmental assets on roadsides is also discussed.
- Part 2 is a response to the template that the Department of Environment and Primary Industries (DEPI) requires for the development of work plans that can be endorsed as part of the Agreement.
- Part 3 consists of the specifications for the Annual Fire Slashing Program and the Roadside Fuel Modification Program. These programs are the primary methods of fuel modification on roadsides.
- Part 4 is the work plans comprising of the Annual Fire Slashing and Roadside Fuel Modification Work Plan and the Council Maintained Fire Access Roads Work Plan.

1.4 Background

The Yarra Ranges Council is valued as a special place for its natural beauty and diverse habitats. Much of the municipality retains remnant native vegetation with about 188,000 hectares remaining, equating to around 76% of the municipality. The native vegetation provides scenic beauty and biodiversity values. It is important habitat that supports flora and fauna of regional, state and national significance. Roadside vegetation is some of the most visually prominent and provides significant habitat and links between habitat nodes that are important for species distribution.

However, the large expanses of native vegetation and municipality's mountainous landscapes make the area extremely fire prone. The Yarra Ranges is recognised as one of the most fire prone areas in Victoria which, in-turn, is one of the most fire prone areas in the world. Fire is a common occurrence in the municipality with minor fires occurring most years. Major fires have also regularly occurred in the district. Table 1 provides a summary of major fires since 1900.

Table 1 Fire in the Yarra Ranges since 1900

Year	Area
1905	Healesville area
1913	Sassafras/Monbulk
1923	Belgrave/Upwey/Ferny Creek
1926	Dandenong Ranges/Upper Yarra/Healesville
1932	Upper Yarra (Matlock)
1934	The Basin/Ferntree Gully
1939	"Black Friday"; Dandenong Ranges/Upper Yarra/Healesville
1944	The Basin/Ferntree Gully/Monbulk
1954	Upper Ferntree Gully/One Tree Hill
1962	Dandenong Ranges/Upper Yarra/Healesville
1968	The Basin/Sassafras/Ferny Creek/Upwey
1972	The Basin/Sassafras/Upper Ferntree Gully
1973	Lysterfield
1980	Upwey/ Dandenong Ranges
1983	"Ash Wednesday" - Dandenong Ranges and Upper Yarra
1991	Yarra State Forest/Mt Little Joe
1997	The Basin/Dandenong Ranges/Montrose
2009	Victorian 'Black Saturday' Bushfires

Source Yarra Ranges Municipal Fire Management Plan 2011-2014

Fire management planning on roadsides is particularly complex in Yarra Ranges Council. It needs to balance the roadsides high scenic and biodiversity values with the emergency management needs of a relatively high population, living in the urban-rural interface and in rural areas.

Yarra Ranges Council also has statutory obligation under s.43(1) of the *Country Fire Authority Act 1958*, that states;

'In the country area of Victoria it is the duty of every municipality and public authority to take all practicable steps (including burning) to prevent the occurrence of fires on, and minimise the danger of the spread of fires on or from:

- (a) any land vested in it or under its control or management; and*
- (b) any road under its care and management' (DEPI 2003b).*

Some of the fire management issues for which roadsides need to be managed are;

- Potential to be the location of ignition and spread of fires
- Being high priority emergency access/egress routes
- Nominated control lines.

The 2009 Victorian Bushfires Royal Commission (VBRC) recognised the complexity of managing roadsides. Whilst considering the protection of human life the highest priority, it also recognised the environmental importance of roadsides. A balance needed to be struck between the complex and competing objectives of

reducing bushfire risk and maintaining important environmental values. VBRC recommendation 61 gave direction for helping to address this issue;

'The State and Commonwealth provide for municipal councils adequate guidance on resolving the competing tensions arising from the legislation affecting roadside clearing and, where necessary, amend environment protection legislation to facilitate annual bushfire-prevention activities by the appropriate agencies'.

VBRC recommendation 60 more specifically addressed how the Planning Scheme could facilitate roadside management;

'The State amend the exemptions in clause 52.17-6 of the Victoria Planning Provisions to ensure that the provisions allow for a broad range of roadside works capable of reducing fire risk and provide specifically for a new exemption where the purpose of the works is to reduce bushfire risk' (DEPI 2013).

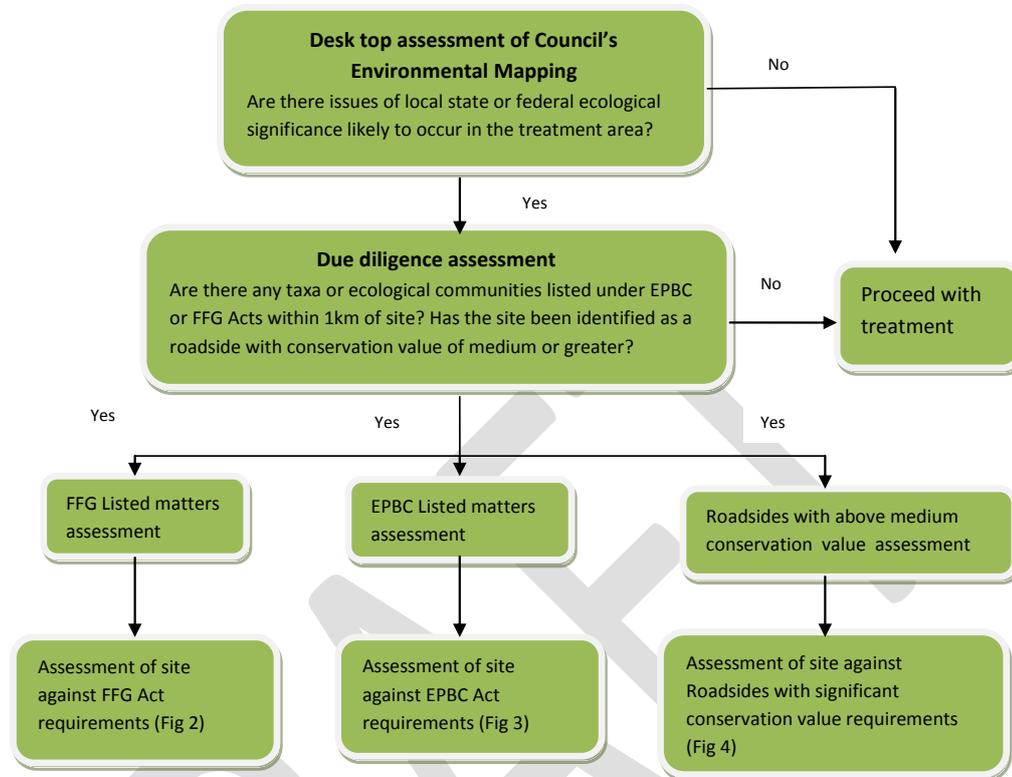
1.5 The process of risk assessment and consideration of biodiversity values

The Victorian Road Bushfire Risk Assessment Mapping, conducted by Terramatrix on behalf of VicRoads, is used in Yarra Ranges to identify and prioritise roads as a point of ignition and the potential impact on assets across the landscape. The associated Road Bushfire Selection Treatment Tool is used to assess roadside vegetation.

To achieve a due diligence check against policy and legislation that protects biodiversity assets, the results of Bushfire Risk Assessment are cross referenced against Council's Environmental and Conservation Value Mapping. The Yarra Ranges Council has extensive Conservation Value Mapping that clearly identifies threatened flora, fauna and communities for the entire municipality. Works that are likely to impact on listed threatened taxa or communities undergo a detailed site assessments and targeted surveys. This information is fed into the final detailed fuel management programs as shown in the work plan.

Figure 1 provides a summary of the main legislation and policy, beyond the Planning Scheme controls that need to be addressed that in the due diligence assessment.

Figure 1 Due diligence process for identification of biodiversity issues in roadside fuel modification areas



1.6 Planning Scheme Controls

1.6.1 Clause 52.17 – Native Vegetation

Clause 52.17 – *Native Vegetation* was amended to address Recommendation 60 of the 2009 Victorian Bushfires Royal Commission (VBRC). The amendment provides for an exemption for a broad range of roadside works capable of reducing bushfire risk. The exemption states;

'No permit is required to remove, destroy or lop vegetation to the minimum extent necessary if any of the following apply:

- *The vegetation is to be removed, destroyed or lopped to reduce fuel loads on roadsides to minimise risk to life and property from bushfire of an existing public road managed by the relevant responsible road authority (as defined by the Road Management Act 2004) in accordance with the written agreement of the Secretary to the Department of Environment and Primary Industries (as constituted under Part 2 of the Conservation, Forests and Lands Act 1987).'*

1.6.2 Clause 53 of the Yarra Ranges Planning Scheme – Upper Yarra Valley and Dandenong Ranges Region

The purpose of this clause is to facilitate consistency between the Yarra Ranges Planning Scheme and the Upper Yarra Valley and Dandenong Ranges Regional Strategy Plan. It is a powerful planning control as, if there is an inconsistency between any provisions in the schedule to this clause and any other clause or provision of the Yarra Ranges Planning Scheme, the requirements of the schedule to Clause 53 will prevail.

The schedule to this clause specifically states that a permit is not required if the vegetation removal is;

- *'Required to be removed, destroyed or lopped for fire prevention or suppression purposes in compliance with a notice given under the Country Fire Authority Act 1958 or the Forests Act 1958.*
- *Required to be removed, destroyed or lopped for the making of a fuel break by or on behalf of a public authority in accordance with a strategic fuel break plan approved by the Secretary of the Department of Sustainability and Environment. The maximum width of a fuel break must not exceed 40 metres.'*

Beyond these limited circumstances, there is no exemption for removal of native vegetation for fuel reduction works along roadsides. It is planned to approach the Minister to have Clause 53 amended in relation to fuel management on roadsides to be in agreement with Clause 52.17 and the Environmental Significance Overlays. The approach to the Minister will occur once this Agreement between DEPI and Council is ratified.

1.7 FFG Act

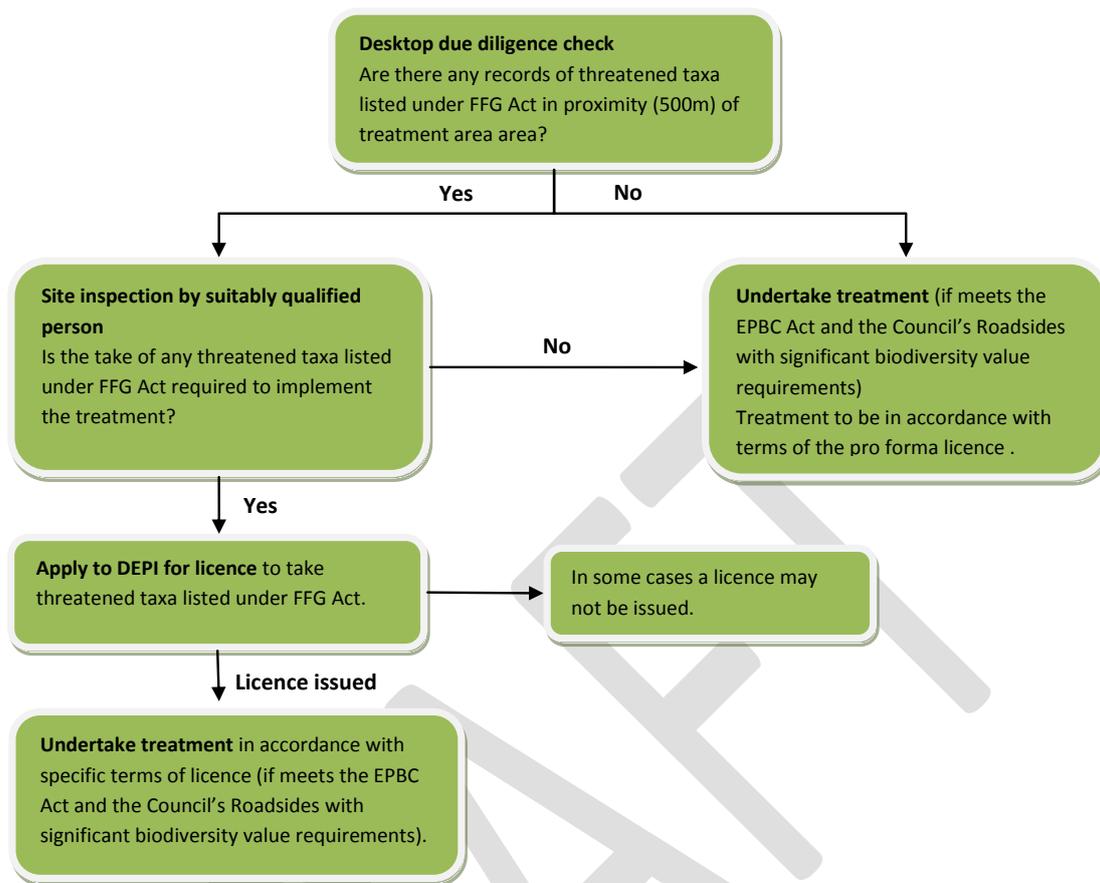
The *Flora and Fauna Guarantee Act 1988* (FFG Act) is the key piece of Victorian legislation for the conservation of threatened species and communities and for the management of potentially threatening processes. A licence or permit is required for works or other activities on public land which might kill, injure or disturb protected native plants, animals or communities.

FFG Act Licences are issued once the road manager (Yarra Ranges Council) has entered into the Agreement with the Secretary of DEPI (as per the planning permit exemption) and a plan has been submitted. The licence will allow road managers to take protected flora, except for listed threatened taxa or communities, when undertaking bushfire risk mitigation works under the planning permit exemption.

The assessment of fire treatment options need to consider the requirements of the FFG Act. The process that is required to assess the FFG Act as part of treatment selection process is shown in Figure 1.

Figure 2

Process of assessing works under the FFG Act



Adapted from Roadside Vegetation Management for Bushfire Risk Mitigation Purposes (DSE 2012).

1.8 The Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act) and roadside bushfire risk mitigation activities

The information in this section is sourced from Roadside Vegetation Management for Bushfire Risk Mitigation Purposes (DSE 2012).

Under the EPBC Act, actions that have, or are likely to have, a significant impact on a matter of national environmental significance (NES) require approval from the Commonwealth Government Minister for the Environment (the Minister). The Minister will decide whether assessment and approval is required under the EPBC Act.

The matters of NES with the potential to be impacted upon by roadside bushfire risk mitigation activities are;

- nationally listed threatened species and ecological communities.
- national heritage places.
- wetlands of international importance (Ramsar wetlands).
- migratory species protected under international agreements.

Any action likely to have a significant impact on a matter of NES is required to be referred to the Commonwealth Environment Minister (through the Department of the Environment) for a decision whether assessment and approval is required under the Act.

Activities that are exempt from EPBC Act approval include:

- Activities approved or authorised under Commonwealth or Victorian laws before July 2000.
- Continued lawful land uses that were occurring before July 2000. This includes activities which have continued in the same location without enlargement, expansion or intensification, including activities done cyclically over long periods of time such as works to reduce the fire risk. The type of activities that fall within this category include;
 - maintaining access tracks and fire breaks.
 - maintaining existing fire infrastructure, services and utilities.
 - roadside weed control.
 - routine controlled burns of the type that have occurred in the past.

Significant impact

Under the significant impact guidelines a “significant impact” is defined as an impact which is:

‘important, notable, or of consequence, having regard to its context or sensitivity. Whether or not an action is likely to have a significant impact depends upon the sensitivity, value, and quality of the environment which is impacted, and upon the intensity, duration, magnitude and geographic extent of the impacts.’

In practice, this means that activities which may result in the irreversible or permanent loss of nationally threatened communities or key habitats for threatened species should be referred for assessment and approval.

Bushfire risk mitigation activities likely to have a significant impact

Bushfire risk mitigation activities may require Commonwealth approval if there is likely to be a significant impact on a nationally protected matter and no exemption applies. These activities may include but are not limited to:

- Constructing new fire breaks, asset protection zones, access roads or tracks on a significant scale, in habitat of nationally threatened species or areas that form part of a nationally threatened ecological community.
- One-off fuel reduction burns adjoining remnant forest that is important habitat for nationally threatened species or areas that form part of a nationally threatened ecological community.
- Proposed new burning regimes adjoining national heritage places or Ramsar wetlands.
- One-off fuel reduction burns in listed or high habitat value ecological communities that are not fire tolerant (for example, littoral rainforests and wet sclerophyll forests).
- Burning that may cause substantive indirect (downstream) damage to nationally protected matters as a result of post-fire erosion (for example, water quality within a Ramsar wetland).

Bushfire risk mitigation activities that are unlikely to have a significant impact

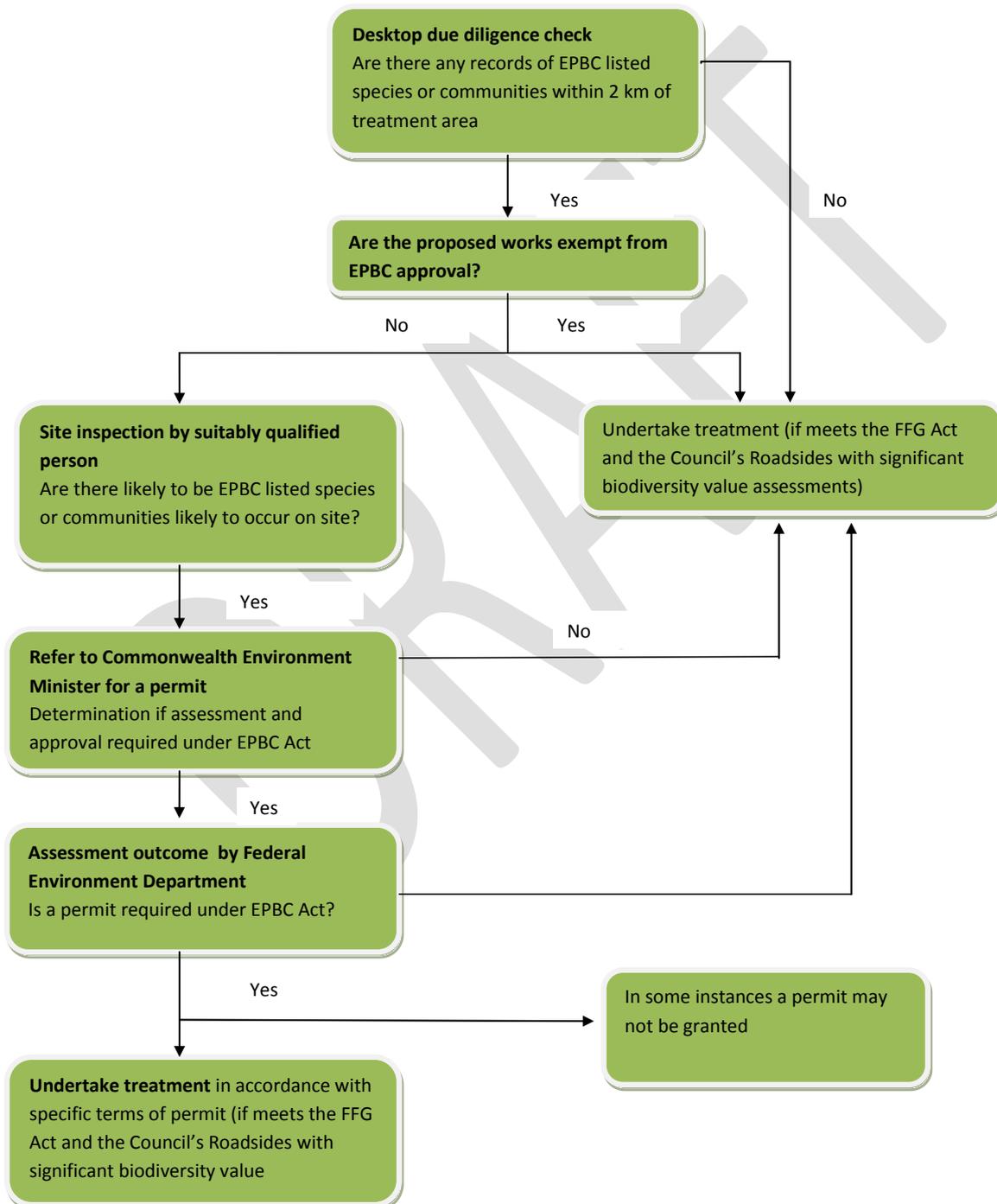
Bushfire risk mitigation activities that are unlikely to require approval under the EPBC Act include:

- Routine fuel reduction burns.
- Routine maintenance of fence lines, access roads or tracks.
- Routine maintenance of existing fire breaks, fire infrastructure, services and utilities.
- Localised weed control by hand or small machinery.

The process for determining whether a matter is likely to require a referral to Minister is shown in Figure 3. The due diligence assessment will identify any matters of NES within the area. An on ground assessment by

an ecologist will then determine the likelihood of the occurrence of listed species or communities on the site. If it is considered that there is likelihood that the works will have an impact on a matter of NES, then it should be referred to the Minister. Council should err on the side of caution and refer all matters that have more than a moderate likelihood of affecting a matter of NES.

Figure 3 Assessment of site against EPBC Act requirements



1.9 Council's Roadsides with Significant Biodiversity Values

The Yarra Ranges has extensive mapping of roadside conservation values. This mapping is a result of desk top assessments using DEPI records, local records and internal reports. This is followed by on-ground assessments including the assessment of;

- The likelihood of rare species
- Road reserve width
- Tree score
- Shrub score
- Grass and herb score
- Logs score
- Rocks score
- Wetland score
- Wildlife corridor score
- Weed score
- Whether it is a road managed for fire.

1.9.1 Annual Fire Slash and Road Fuel Modification Programs

Both the Annual Fire Slashing Program and Road Fuel Modification Program use the conservation mapping.

- **The roadside slashing program** takes into account the conservation values of the roadside in selecting the treatments. See Section 3 for detailed prescriptions for treatments used along roadsides of different conservation values.
- **The roadside fuel modification program** relies strongly on information gained through this assessment. To date, most of the roadsides with higher conservation values have been able to be avoided or treated in a way that does not degrade biodiversity values, largely through the removal of environmental weeds.

The only significant removal of woody native vegetation is Burgan (*Kunzea ericoides*). Although Burgan is a locally native plant, it is a coloniser that proliferates particularly in areas that have been disturbed, such as roadsides. Burgan forms dense thickets that dominate all other vegetation and is often considered to reduce biodiversity values. It has a fine fuel biomass that is significantly higher than forests or woodlands and its control is required for the effective fuel management of roadsides.

Figure 4 shows the process that is used to make decisions about fuel management of roadsides that have been identified as having medium or greater conservation values.

1.9.2 Fuel Management on Fire Access Roads

From a biodiversity assessment process, fuel management on Fire Access Roads is treated similarly to other Council roads. The main differences are;

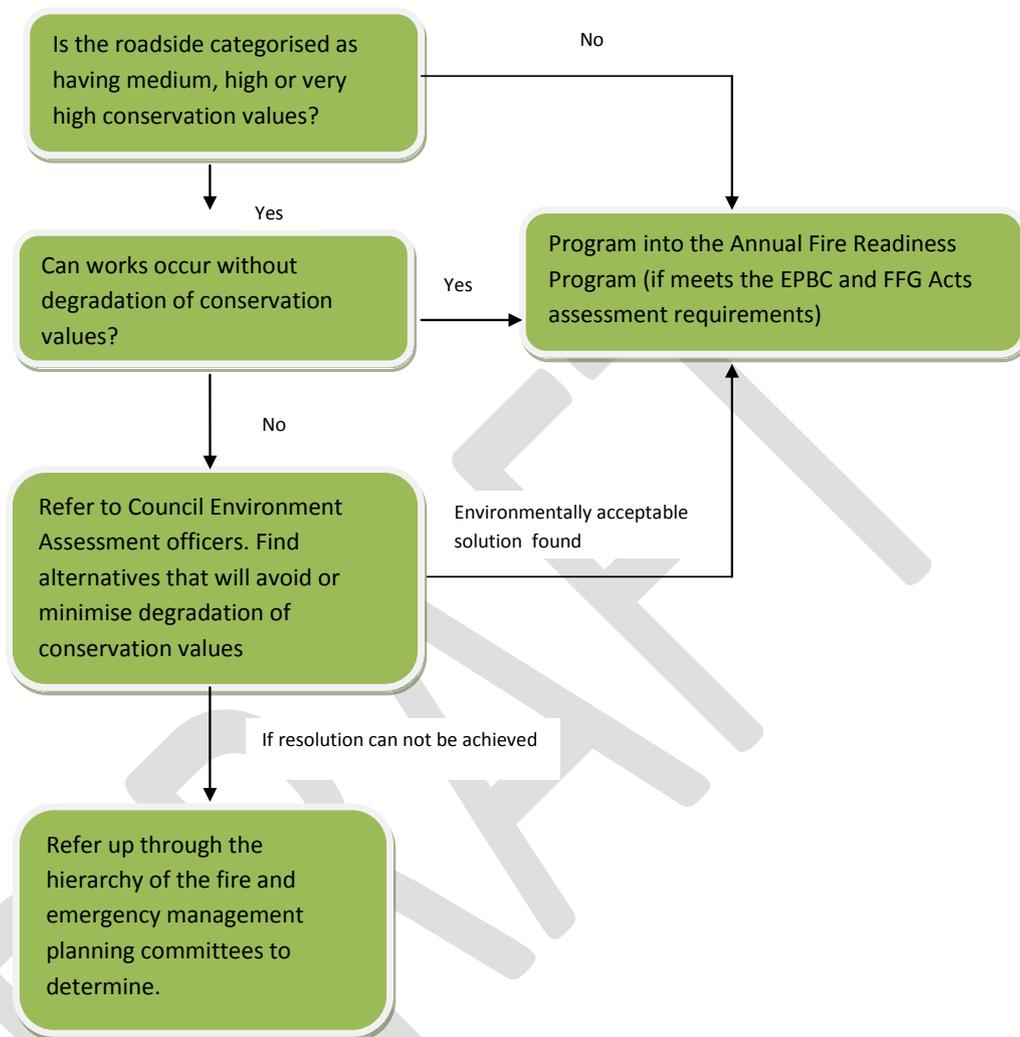
- they are maintained by the Emergency Management Team rather than the Parks and Environment Team
- the amount of vegetation clearance is generally less substantial as the roads are used purely for emergency access. Therefore, they do not require maintenance to the standard of most public roads.

There are currently around 85 fire access roads in the municipality.

If native vegetation needs to be modified or removed, the ecological knowledge and expertise of the Parks and Environment Department are called upon to help inform the process. Figure 4 illustrates the decision process for fuel management.

DRAFT

Figure 4 Decision process for fuel management on roadsides with conservation significance



1.10 Monitoring and Review

The performance of the fuel modification programs is monitored and reviewed throughout the planning and implementation phases. This informs the current and future programs and the culmination of this work is represented in the appendices of the Annual Fire Readiness Program. This is achieved through;

- The management of the contracts for slashing and elevated fuel modification works including extensive checking of works including compliance with the environmental aspects of the contracts.
- Ongoing assessment of the efficacy of fire protection works as new modeling is developed and made available. This is progressively feeding into Yarra Ranges Council’s program of fuel management works and providing improved strategic direction to our programs.

Part 2: Response to the DEPI Template for Work Plan Development

2.1 Responsible Authority

The Responsible Road Authority for the roads identified in the attached work plan is:

Yarra Ranges Council

2.2 Primary Contact

The primary contact to which any queries in relation to the information contained in this document or the attached work plan should be directed to:

David Carr

Fuel Management Officer

Parks & Environment

T: 92946298

d.carr@yarraranges.vic.gov.au

2.3 Project Name and Short Description

Roadside vegetation treatment for bushfire risk management purposes.

The vegetation management work plans comprising of the Annual Fire Slashing Work Plan and the Roadside Fuel Modification Work Plan are included in part 3 of this report.

2.4 Risk Assessment

Is your organisation using the Victorian Fire Risk Register (VFFR) Roadside Bushfire Risk Assessment Mapping?

The Yarra Ranges Council used the maps and assessment methods that resulted from the Road Bushfire Risk Assessment Guidelines that was developed for VicRoads by Terramatrix (August 2011).

2.5 Treatment Selection

Which agencies were involved in the determination of vegetation treatments for bushfire mitigation purposes?

The Municipal Fire Management Planning Committee is involved in determining the treatments for bushfire mitigation. The committee membership has representatives from:

- Yarra Ranges Council
- Country Fire Authority
- Department of Environment & Primary Industries
- Parks Victoria
- Metropolitan Fire Brigade
- Vic Roads
- Victoria Police
- Melbourne Water
- Metropolitan Fire Brigade

- Department of Human Services Responsibilities
- Department of Planning & Community Development
- SP Ausnet
- Victoria State Emergency Service

(Source, Yarra Ranges Municipal Fire Management Plan 2011-2014)

Describe the treatment selection process including how environmental and cultural values have been identified and considered and whether a due diligence check for requirements under the Flora and Fauna Guarantee Act 1998 were undertaken.

The treatment selection process starts with an assessment of roadsides using Victorian Bushfire Risk Assessment Guidelines and worksheet. This process;

- confirms road bushfire management objectives
- outlines processes for assessing risk in regard to each objective
- determines the priority for bushfire mitigation works on particular roads
- provides guidance on selecting appropriate treatments.

This initial assessment is then put through the filter of federal, state and local controls and information about biodiversity. The Yarra Ranges Council has extensive Conservation Value Mapping that clearly identifies threatened flora, fauna and communities for the entire Council area. It incorporates information from Biodiversity Interactive Maps (BIM) and reliable local information.

Due diligence checks are achieved through cross referencing the results of the Bushfire Risk Assessment and the Conservation Value Mapping to identify works that are likely to impact on listed threatened taxa or communities as part of its roadside management program. Once sites are identified where there may be a conflict between proposed treatments and biodiversity values, ground-truthing, detailed site assessments and targeted surveys are undertaken. This information is fed into the final detailed fuel management programs as shown in the work plan.

To date, the roadside vegetation management program for fuel reduction has avoided areas of very high conservation values and threatened species and communities. The roadside slashing program avoids areas with significant indigenous species of flora and fauna are clearly identified with signs and specifications for their appropriate treatment. The roadside fuel modification program achieves most of its fuel reduction the removal of woody environmental weeds. Details of the program are provided in the specification and work plan provided in Parts 3 and 4 of this document.

In regard to cultural heritage, the vegetation control treatments do not disturb the soil. Therefore, it is considered that there is very little likelihood of disturbing aboriginal cultural heritage areas.

2.6 Municipal Endorsement

The Agreement requires that the treatments contained in the works plan are endorsed by committees responsible for fire and emergency management prior to submitting to DEPI.

Provide a description of the endorsed plan in which the treatments are identified and the form of municipal endorsement. The works plan should be endorsed by the Municipal Fire Management Planning Committee, before being provided to the Municipal Emergency Management Planning Committee for comment/support.

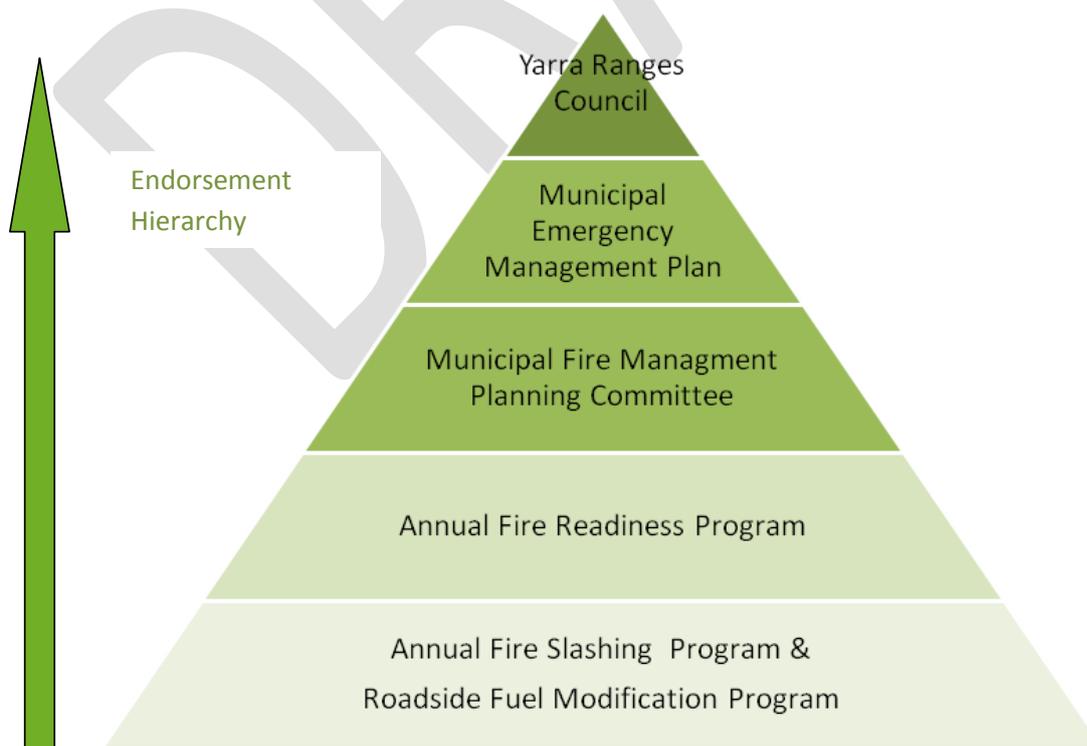
The Annual Fire Slash Program and the Roadside Fuel Modification Program are recorded within the Annual Fire Readiness Program. The annual Fire Readiness Program is a combination of long term planning and short term (fire season) objectives and outlines to the community the level of preparedness and prevention that has been developed for each fire season.

The Annual Fire Readiness Program recognises the high environmental values that need to be protected. The Program considers environmental impact in the development of fire management programs. All works outlined in this Program are completed in accordance with the Yarra Ranges Council's Code of Environmental Practice for Works on Council Controlled Land.

The Annual Fire Readiness Program is endorsed by the Municipal Fire Management Planning Committee and submitted to the Municipal Emergency Management Planning Committee for inclusion as an appendix to the Municipal Emergency Plan. Figure 5 shows the reporting hierarchy of the Annual Fire Slashing and the Road Fuel Modification Programs.

The Council approved policy 'Amendments to the Municipal Emergency Management Plan' details the process of council ratification of certain amendments to the Plan. In this case minor amendments to the plan must be ratified by the Municipal Emergency Manager and all major changes must be ratified by the Municipal Emergency Management Committee.

Figure 5 Reporting and endorsement hierarchy for roadside fuel load treatment programs



Part 3: Environmental Specifications for Work Plans

3.1 Annual Fire Slashing Program

The following is an excerpt from the Tender document for the Annual Fire Slashing Program. Only the parts that relate to the management of vegetation are included.

3.1.1 General Specifications

WORKS COMMON TO ALL AREAS

The Contractor shall undertake the Services in accordance with the following requirements:

- Services are to be carried out in accordance with Council's Code of Environmental Practice for Works on Council Controlled Land (including Roadsides);
- Due care should be taken to determine if the site is not identified as being of environmental significance;
- Collect discarded litter before undertaking slashing activities. All discarded litter is to be disposed of correctly through a waste disposal facility, at the Contractor's expense. If the Contractor finds illegally dumped rubbish, the Contractor shall report this through Council's Customer Request service on tel. 1300 368 333. The Contractor is not responsible for the removal of dumped rubbish but will be advised when the area is clear for the Services to be carried out;
- Unless directed otherwise by the Supervisor, the Contractor shall leave all slashed materials evenly distributed about the specified area;
- Tree ferns and ground ferns must not be slashed or damaged;
- Excess material shall not be left in contact with fence lines, tree trunks or shrubs;
- Tree stands and indigenous grasses must be protected from damage in any way; and
- Machinery shall not be refuelled on any sealed road.

MINIMISATION OF ENVIRONMENTAL IMPACTS

There are many sites within the roadside verges that include threatened, significant indigenous species of flora and fauna. Most of these sites have been identified with signs and need special care and attention. The Contractor shall limit slashing at these sites to the table drains and batters between each sign.

The Contractor shall comply with all the notes and other details listed in all the Appendices. The Supervisor shall supply specific management documentation to the Contractor before the commencement of the Services.

To minimise environmental impacts upon identified sites of environmental significance, the Contractor shall carry out the Services in accordance with Council's Code of Environmental Practice for Works on Council Controlled Land (including Roadsides).

The Contractor shall not disturb such sites, shall not slash the ground cover, shall not disturb the soil and shall endeavour to not scalp the surface.

It is estimated that approximately 50% of the roadside verges listed as containing indigenous vegetation contain sites of significance that will not require slashing.

To further protect sites of significance, the Council shall undertake a compulsory training session for the Contractor prior to the commencing of the Services, to increase its awareness in identifying areas of environmental significance and applying appropriate environmental management techniques.

The Contractor and all of the Contractor's staff to be engaged in the Services shall attend a compulsory four hour training session in this regard, at the Shire Offices in September of each year of the Contract Term.

3.1.2 *Specification for Roadside and Fire Access Roads*

INTRODUCTION

This Specification for Group 1 defines the Services to be undertaken along roadsides and along fire access roads (on both public and private lands) for each Fire Season during the Contract Term. The Contractor shall also comply with all the general requirements of Specification.

The Contractor shall use box slasher and / or side arm or reach mowing equipment

Sites are generally along roadsides but also include some fire access tracks to reserves.

The roads within each area have been categorised as follows:

Strategic (S), Fire Access (FA), Amenity (A) and Batters (B)

Definitions of the categories are as follows:

- Strategic (S) refers to roadsides designated by the CFA as essential for slashing during the Contract Term;
- Fire Access (FA) refers to either roadsides, tracks or access points requiring slashing in order to gain access to areas or water tanks and have been designated by the CFA as essential for slashing during the Contract Term;
- Amenity (A) refers to roadsides requiring slashing to maintain sight lines for driver or pedestrian safety or for other aesthetic reasons; and
- Batters (B) refers to areas that require slashing of the batter only in order to ensure roadside vegetation does not impede the road clearance envelope (See Diagram 5 in Appendix 1B).

SLASHING AND CUTTING TIMES

The Contractor shall undertake the Services for the FA and S category roads between 1 November and 31 December in each Fire Season.

The Contractor shall undertake the Services for the A category roads between 1 October and 31 December in each Fire Season.

The Contractor shall undertake the Services for the B category roads between 1 October and 31 January in each Fire Season.

SIDE ARM AND BOX SLASHING

The Contractor shall slash the specified road verges and fire access roads to reduce the risk of fire impacting upon adjacent property.

The Contractor's operators shall have basic vegetation identification skills sufficient to identify indigenous vegetation and environmental and noxious weeds.

The Contractor shall undertake the Services in accordance with the following requirements:

- Report significant obstructions within Firebreaks that prevent slashing operations;
- The normal cutting regime shall involve cutting all table drains and batters including regenerating shrub and tree species;
- Cut all exotic grasses where accessible leaving any indigenous grasses, shrubs and trees, including regenerating species, in areas other than batters and table drains;
- Cut fine fire fuels (cured or dried vegetation) and / or remove other fire hazards as per directed within the prescribed slashing zone at each given location;
- All table drains shall be cut to a height of 50mm;
- All batters (except ferns) shall be cut to a minimum height of 50mm and maximum height 100mm; and
- All other areas shall be cut to a minimum height of 50mm and a maximum height of 100mm.

A series of signs has been erected to protect indigenous vegetation and areas of high conservation value.

In addition to the above requirements, Contractors are to familiarise themselves with the requirements associated with the signs.

In areas where no signs are present, the Contractor shall slash according to the instructions above and the instructions included on the list of Group 1 Roadsides and Fire Access Roads contained. See Figure 6.

In areas displaying the "Roadside Conservation Area" sign, the Contractor shall slash only long dry exotic grasses, fine fuels, all batters (including any regenerating vegetation) and table drains. See Figure 7.

In areas displaying the "Community Roadside Project" sign, the contractor shall slash only the table drains and batters between the signs. See Figure 8.

In areas displaying the "No Disturbance No Mowing" sign, the Contractor shall not slash the indigenous vegetation behind or between the signs. See Figure 9

In areas requiring only a Batter Slash the works shall be limited to the batter. See Figure 10.

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Figure 6 Standard Fire Slash

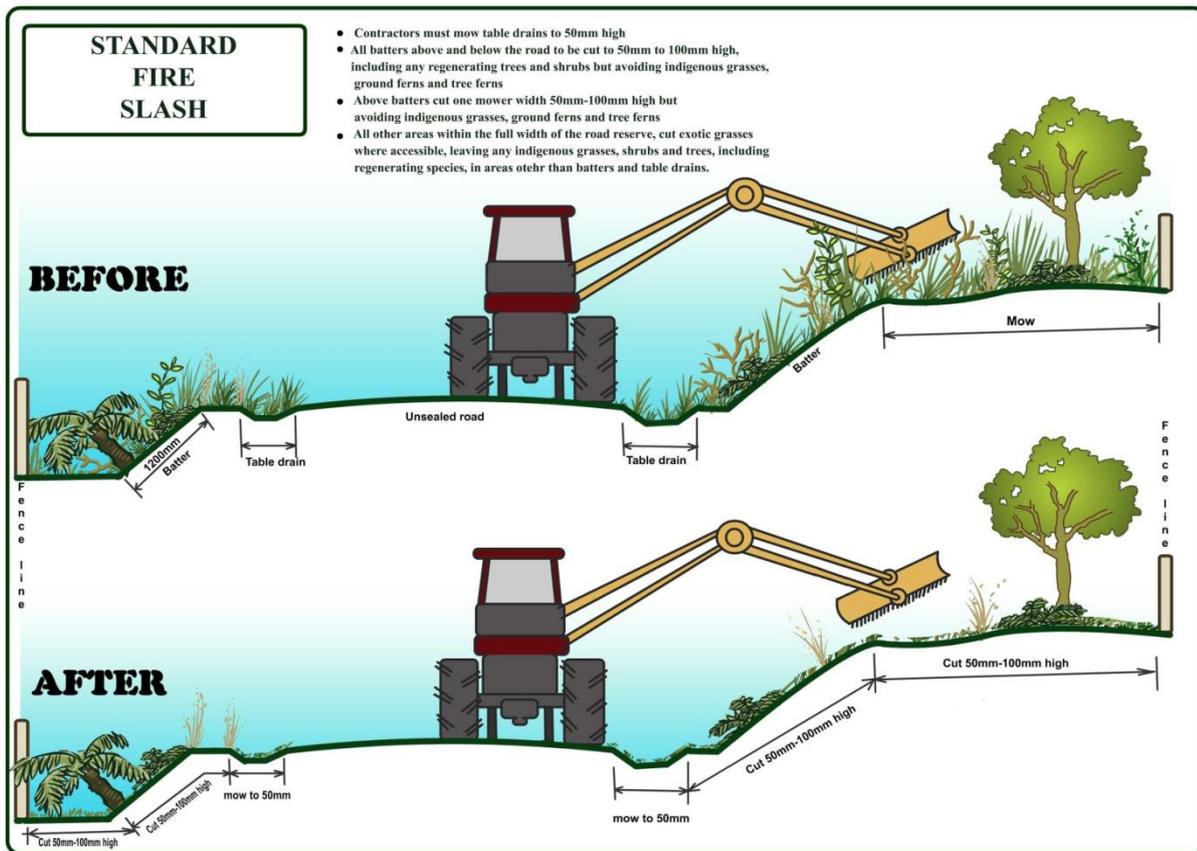


Figure 7 Roadside Conservation Area Slash

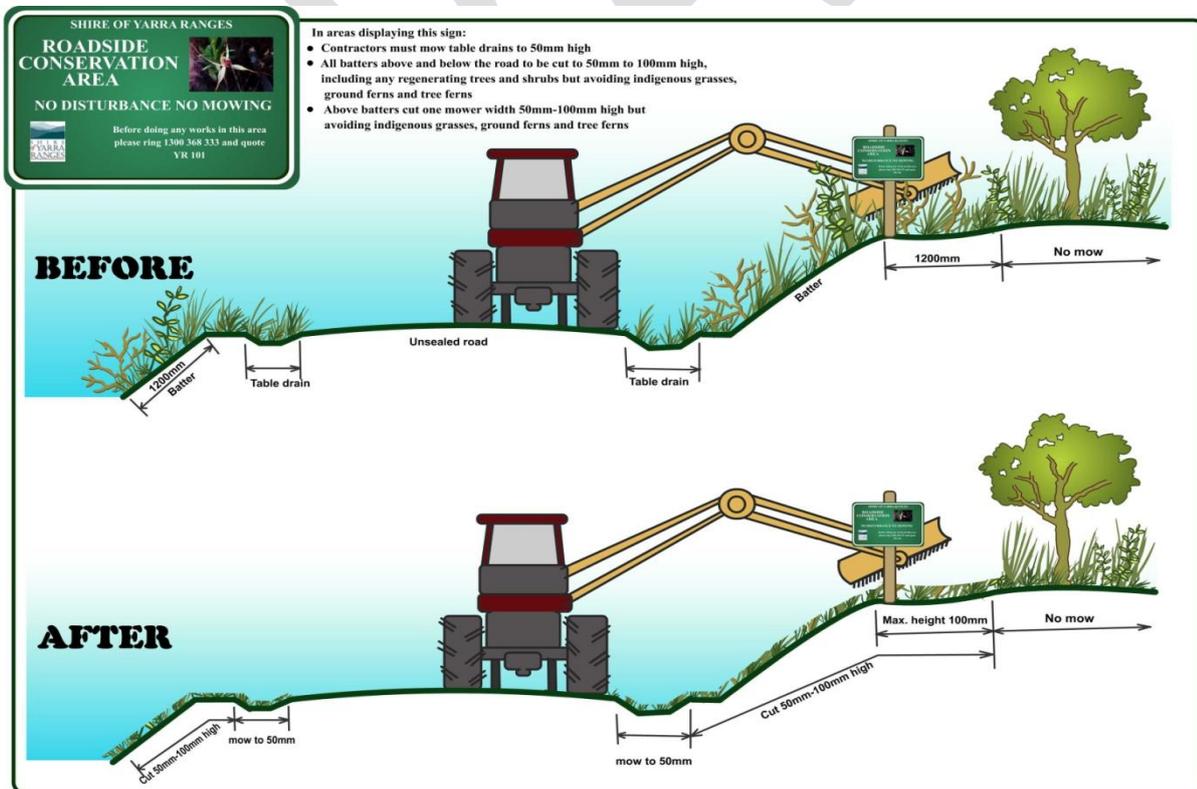


Figure 8 Indigenous Vegetation Protection Site

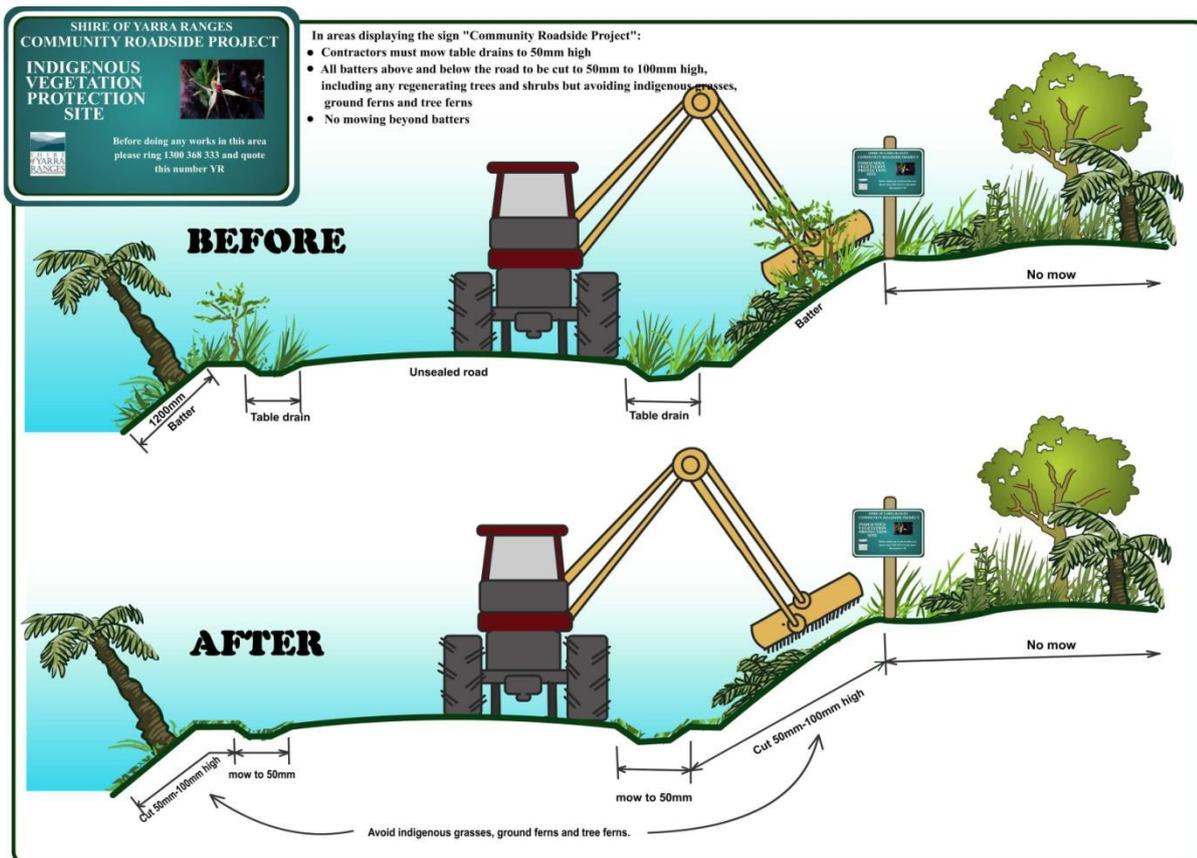


Figure 9 Vegetation of High Conservation Area Slash

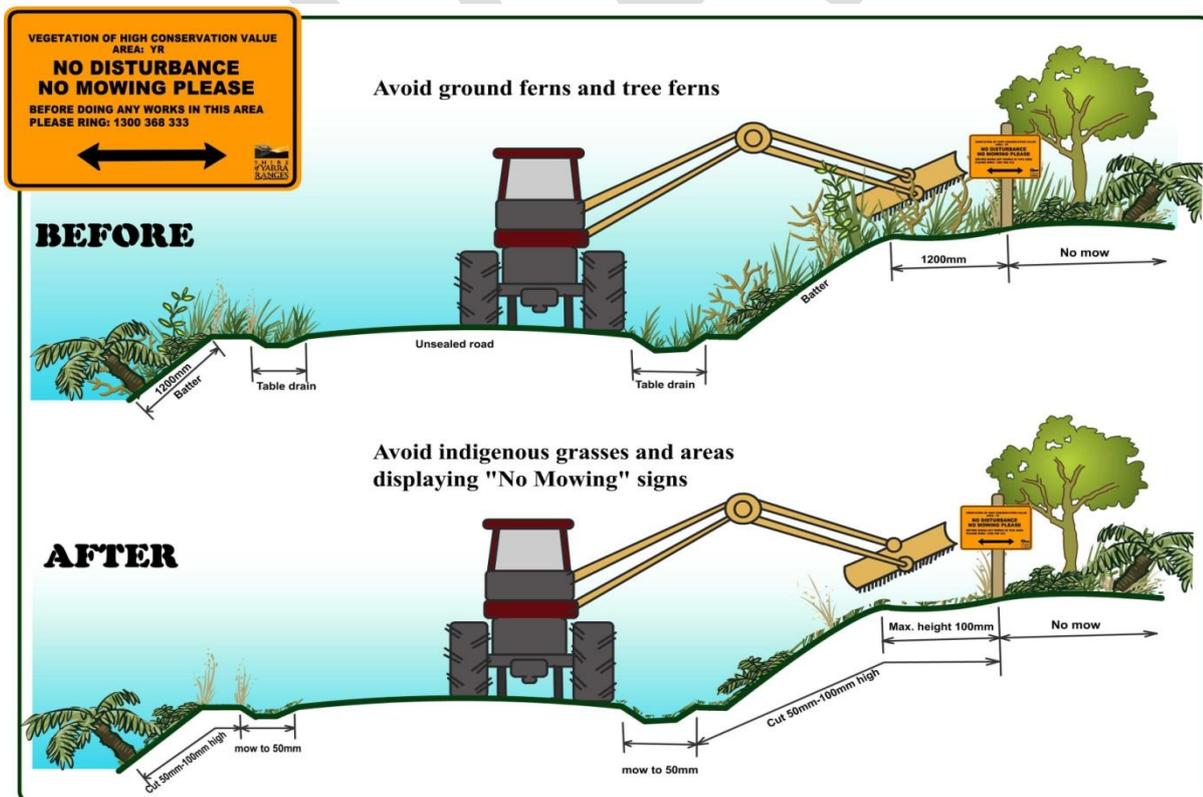
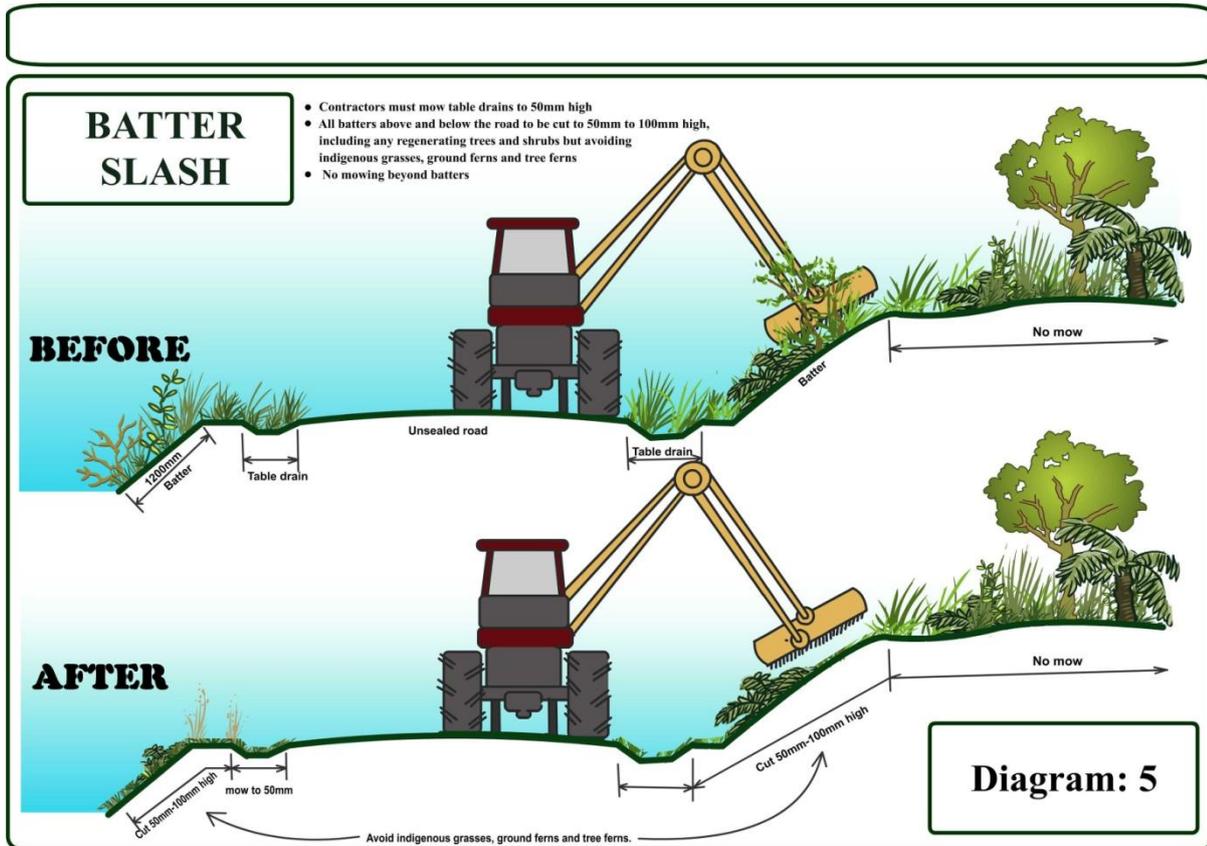


Figure 10 Batter Slash



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3.2 Specification for Roadside Fuel Modification Program

3.2.1 Introduction

This Specification includes the requirements for the provision of bushfire fuel reduction on Council roadsides.

The Services include all of the requirements as set out below.

Details can be confirmed by contacting Fuel Management Officer;
David Carr; 9294 6298 or 0419 399 596.

3.2.2 Extent of Work site

The works specified below are to be carried out across the entire road reserve to the boundary fence line. Where there is no obvious boundary fence, carry out works to a maximum width of five metres from the road edge.

3.2.3 Fine Fuels Removal

Excessive amounts of fallen tree branches less than 50mm diameter are to be removed or reduced in volume at each site.

3.2.4 Climbing weed removal

Cut and paint climbing ivy/honeysuckle at ground level. Remove all hanging ivy from trees or shrubs if possible. If too high, cut again above head height to give a minimum 2 metre break in the stems. Spray ground ivy/honeysuckle if herbicide will not adversely impact on indigenous vegetation – do not spray around ferns.

3.2.5 Tree & Woody Weeds

Cut and paint all woody weeds up to 150mm DBH and remove from site. Paint or drill and fill (method dependant on size) stems immediately with herbicide as close to ground as possible (usually less than 50mm so as not to damage slashing machinery if used). Weeds to be removed include but are not limited to those specified in table 2.

Where woody weeds appear to form a planted screen to a house or appear to be an ornamental planting such as lining a driveway; consult with fuel management officer prior to removal.

3.2.6 Blackberry

Dead blackberry canes should be brush cut down to ground level.

Blackberry growing amongst ferns should be cut and painted and the canes removed from site.

Blackberry growing away from ferns should be sprayed with herbicide and left to die on site for future brush cutting.

3.2.7 Road Clearance

Native vegetation other than ferns can be pruned to maintain clearance of the road vertical up to a height of 4 metres from the table drain. Consult with Fuel Management Officer or a BMO if not sure about this.

3.2.8 Wildlife

Be aware of the possible presence of wildlife. Target weed species containing Possum Drays (nests) and /or bird nests should be avoided until they are not in use.

Table 2 Targeted Woody Weeds

Target Woody Weeds	
Common Name	Botanic Name
Broom	<i>Cytisus spp., Genista spp.</i>
Boneseed	<i>Chrysanthemoides monifera</i>
Cestrum	<i>Cestrum spp.</i>
Willows	<i>Salix spp.</i>
Prunus	<i>Prunus spp.</i>
Cedar Wattle	<i>Acacia elata</i>
Cotoneaster	<i>Cotoneaster glaucophyllus</i>
Holly	<i>Ilex aquifolium</i>
Karamu	<i>Coprosma robusta</i>
Monterrey Pine	<i>Pinus radiata</i>
Sweet Pittosporum	<i>Pittosporum undulatum</i>
Privet	<i>Ligustrum spp.</i>
Sycamore	<i>Acer pseudoplatanus</i>
Tree Tobacco	<i>Nicotiana glauca</i>
Willow Hakea	<i>Hakea salicifolia</i>
Coastal Wattle	<i>Acacia longifolia</i>
Cootamundra Wattle	<i>Acacia baileyana</i>

Part 4: Work Plans

4.1 Annual Fire Slashing and Fuel Modification Work Plan

Brett would like the Work Plans to be the same as the Fire readiness program as this is already approved thru committees and therefore DEPI.

Part 4 – Work Plans provides the work plan for the Annual Fire Slash Program and Roadside Fuel Modification Program and the Council Maintained Fire Access Roads Workplan. The plans reflect the programs in the Yarra Ranges Annual Fire Readiness Program 2014-15.

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Table 3 Workplan

Road Name	Road Type	Suburb	Responsible Authority	Terrimatrix Risk Class Green = Low, Orange = Moderate, Red = High	Potential risk identified	Annual Fire Slash of Roadsides			Roadside Fuel Modification Program
						Reasons for slash S= Strategic FA= Fire Access	Existing/ <i>proposed</i> slashing works	Slash Notes F2F= Fence to Fence RCA= Roadside Conservation Area BT=Batter	
BELGRAVE-GEMBROOK	ROAD	BELGRAVE	VICROADS		elevated fuel				remove woody weeds in Council area, contact fuel management officer for details for Council areas
COLIN	AVENUE	BELGRAVE	SOYR		elevated fuel				woody weed removal
DALKEITH	CRESCENT	BELGRAVE	SOYR		road clearance minor				minor road clearance
FARQUHARSON	AVENUE	BELGRAVE	SOYR		elevated fuel		full length	RCA	woody weed removal, weed removal
VIEW	ROAD	BELGRAVE	SOYR		minor elevated fuel in dead end road				remove woody weed and clear Stop sign at exit of road, brush cut/slash dead material
AVONSIDE ROAD FIRE ACCESS		BELGRAVE HEIGHTS			some elevated fuel	FA	link to Lockwood Rd		remove woody weed
COLBY	DRIVE	BELGRAVE HEIGHTS	SOYR		nil, reinspected Jun 14, some elevated fuel				minor elevated fuel woody weed for removal
HUON	ROAD	BELGRAVE HEIGHTS	SOYR		elevated fuel				remove woody weed
THE CRESCENT	NO DESC	BELGRAVE HEIGHTS	SOYR		inspect for road clearance				minor woody weed removal

Road Name	Road Type	Suburb	Responsible Authority	Terrimatrix Risk Class Green = Low, Orange = Moderate, Red = High	Potential risk identified	Annual Fire Slash of Roadsides			Roadside Fuel Modification Program
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VISTA	ROAD	BELGRAVE HEIGHTS	SOYR		elevated fuel				remove woody weed at North end from Huon Rd to Mt Morton Lodge Camp
ALTSON	ROAD	BELGRAVE SOUTH	SOYR		elevated fuel		full length	RCA	woody weed removal near number 115
BLUMM	ROAD	BELGRAVE SOUTH	SOYR		elevated fuel		full length	F2F, RCA	remove woody weed
CAMBRIDGE	STREET	BELGRAVE SOUTH	SOYR		elevated fuel				remove woody weed
ELGIN	GROVE	BELGRAVE SOUTH	SOYR		elevated fuel				remove woody weeds
GILLAN	ROAD	BELGRAVE SOUTH	SOYR		nil		full length		Spanish Heath for treatment and removal
LOCKS	WAY	BELGRAVE SOUTH	SOYR		low level elevated fuel		Full length	BT	remove Cedar Wattle and Pitto
MERVYN	ROAD	BELGRAVE SOUTH	SOYR		minor elevated fuel				remove woody weed near intersection of Kirkham Road
MT MORTON	ROAD	BELGRAVE SOUTH	SOYR		small tree outside 129 on lean, and dead tree at 130, elevated fuel between Vista Rd and Torr Rd and between Fairmont Avenue and Osbourne Ave	S	Full length	RCA	remove woody weed Vista Rd to Osbourne Avenue

Road Name	Road Type	Suburb	Responsible Authority	Terrimatrix Risk Class Green = Low, Orange = Moderate, Red = High	Potential risk identified	Annual Fire Slash of Roadsides			Roadside Fuel Modification Program
						Reasons for slash S= Strategic FA= Fire Access	Existing/ <i>proposed</i> slashing works	Slash Notes F2F= Fence to Fence RCA= Roadside Conservation Area BT=Batter	
SIMMONS	LANE	BELGRAVE SOUTH	SOYR		elevated fuel				remove woody weed
VERONA	STREET	BELGRAVE SOUTH	SOYR		elevated fuel				remove woody weed
CHANDLER	ROAD	GRUYERE	SOYR		Kunzea hedge and road clearance at Northern section of Killara		South side only, off Victoria Rd	F2F+RCA	clear 5 metre either side of electricity poles to create fuses in Kunzea Hedge
DOMINIC	ROAD	GRUYERE	SOYR		minor elevated fuel			F2F	woody weed removal
KILLARA	ROAD	GRUYERE	SOYR		tree outside 21; inspection required both sides; also 85 and to east both sides; at Armistead Rd; Yarra Loch to east; Wandin Yallock creek; South of Victoria Rd fire access outside 6A Sunnyside. Some woody weed contributing to Elevated fuel load	S	Maroondah Hwy to Sunnyside Rd ; all exotic grass areas to be slashed mainly up to Gruyere Rd then primarily will be RCA	F2F, RCA	woody weed removal from Chandler Rd to Wandin Yallock Creek
BRIDGES	ROAD	HEALESVILLE	SOYR		some small trees for inspection, reinspection Jun 14 some elevated fuel	S	full length	RCA	remove woody weed/elevated fuel
GEORGE	ROAD	HEALESVILLE	SOYR		road clearance and elevated fuel			RCA	remove woody weeds

Road Name	Road Type	Suburb	Responsible Authority	Terrimatrix Risk Class Green = Low, Orange = Moderate, Red = High	Potential risk identified	Annual Fire Slash of Roadsides			Roadside Fuel Modification Program
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GLENFERN	AVENUE	HEALESVILLE	SOYR		elevated fuel		east side only	RCA	weed and woody weed removal
GRACEBURN	AVENUE	HEALESVILLE	SOYR		road clearance required, elevated fuel loads	S	full length	RCA	follow up weed removal, weed management and planting, includes Monda, Juliet etc
HAZEL	CRESCENT	HEALESVILLE	SOYR		road clearance, woody weeds.			RCA	woody weed removal
HEALESVILLE-YARRA GLEN	ROAD	HEALESVILLE	VICROADS		extreme elevated fuel on top of batter and additional fuel from Racetrack north				in discussion with Vic Roads to determine areas of responsibility
MT RIDDELL	ROAD	HEALESVILLE	SOYR		elevated fuel between Brumfield Rd and Newgrove Rd and unused reserve east of Brumfield Rd	S	full length	RCA	woody weed removal, follow up weed management and planting
RYANS	ROAD	HEALESVILLE	SOYR		dead tree at Chum creek end, inspection June 2014 elevated fuel	S		F2F,RCA	remove elevated fuel, woody weeds
NEWGROVE	ROAD	HEALESVILLE	SOYR		some woody weeds				woody weed removal
SYME	ROAD	HEALESVILLE	SOYR		Kunzea hedge			RCA	fuse breaks in Kunzea hedge 5 metres either side of all electricity supply poles

Road Name	Road Type	Suburb	Responsible Authority	Terrimatrix Risk Class Green = Low, Orange = Moderate, Red = High	Potential risk identified	Annual Fire Slash of Roadsides			Roadside Fuel Modification Program
						Reasons for slash S= Strategic FA= Fire Access	Existing/ proposed slashing works	Slash Notes F2F= Fence to Fence RCA= Roadside Conservation Area BT=Batter	
WALLACE	PARADE	HEALESVILLE	SOYR		nil	S	Full Length	RCA	remove woody weed, reinspection, 06/2014
FOREST	TRACK	KALLISTA	SOYR		elevated fuel		full length	BT	remove woody weed, holly and pitto
RIDGE	ROAD	KALLISTA	SOYR		high levels elevated fuel at dead end street	S	Full length		remove woody weed (holly) for elevated fuel and road clearance
ALMA	LANE	KALORAMA	SOYR		elevated fuel				remove woody and other weeds
BARBERS	ROAD	KALORAMA	SOYR		elevated fuel	S	full length		remove woody weeds, Mt Dandenong Tourist Rd to link, possible work for forest mulcher(holly)
BONZA VIEW	NO DESC	KALORAMA	SOYR		elevated fuel				remove woody weed and road clearance
CAROLINE	CRESCENT	KALORAMA	SOYR		elevated fuel				remove woody weed
CHILDS	ROAD	KALORAMA	SOYR		shrubs need clearance from Road, side arm then re-assess		nil		road clearance envelope needs work and woody weed removal above and below Mt Dandenong Tourist Rd
EILEEN	AVENUE	KALORAMA	SOYR		elevated fuel				remove woody weeds
ERNEST	ROAD	KALORAMA	SOYR		elevated fuel		full length		remove woody weed
FARRINGDON	ROAD	KALORAMA	SOYR		elevated fuel and dead trees				remove woody and other weeds

Road Name	Road Type	Suburb	Responsible Authority	Terrimatrix Risk Class Green = Low, Orange = Moderate, Red = High	Potential risk identified	Annual Fire Slash of Roadsides			Roadside Fuel Modification Program
						Reasons for slash S= Strategic FA= Fire Access	Existing/ <i>proposed</i> slashing works	Slash Notes F2F= Fence to Fence RCA= Roadside Conservation Area BT=Batter	
OLD COACH	ROAD	KALORAMA	SOYR	Orange	significant elevated fuel in high risk area	S	Mt Dandenong Tourist Rd to Mt Dandenong Tourist Rd	RCA	remove all woody weeds, some consultation with residents
OLD MOUNTAIN	ROAD	KALORAMA	SOYR	Orange	minor road clearance				remove woody weeds and careful prune others
PANORAMA	ROAD	KALORAMA	SOYR	Orange	elevated fuel				remove woody weed
PRICE	ROAD	KALORAMA	SOYR	Orange	elevated fuel		Full Length		remove woody weed
RIDGE	ROAD	KALORAMA	VICROADS	Red	elevated fuel			RCA	remove woody weed
SCENIC	CRESCENT	KALORAMA	SOYR	Orange	elevated fuel	S	Full Length		remove woody weed also a little on Inverness Rd between Scenic Cres and William Rd
SILVAN VIEW	STREET	KALORAMA	SOYR	Orange	elevated fuel				remove woody weed
WARWICK	ROAD	KALORAMA	SOYR	Orange	elevated fuel				remove woody weed
GARDENHILL	ROAD	LAUNCHING PLACE	SOYR	Orange	high level elevated fuel	S	full length	RCA	removal of woody weeds and thinning of Kunzea, contact fuel management officer prior to commencement
CHARLES	ROAD	LILYDALE	SOYR	Red	Vegetation close to road		Hull Rd to Edinburgh Rd	RCA	follow up weed management and planting

Road Name	Road Type	Suburb	Responsible Authority	Terrimatrix Risk Class Green = Low, Orange = Moderate, Red = High	Potential risk identified	Annual Fire Slash of Roadsides			Roadside Fuel Modification Program
						Reasons for slash S= Strategic FA= Fire Access	Existing/ proposed slashing works	Slash Notes F2F= Fence to Fence RCA= Roadside Conservation Area BT=Batter	
COMO	ROAD	LILYDALE	SOYR		high level elevated fuel, and fallen branches	S	Full length to water tanks	F2F, RCA	follow up weed management and planting
DAVID	ROAD	LILYDALE	SOYR		dead tree at 126, off Hereford Rd, road clearance, elevated fuel	S	Lilydale Montrose Rd to end		woody weed removal
MANGANS	ROAD	LILYDALE	SOYR		grass, and woody weeds		Old Gippsland Rd to Maroondah Hwy	RCA + Fence to tree line	woody weed removal to reduce fuel load at Northern end, west side
OLD GIPPSLAND	ROAD	LILYDALE	SOYR		significant amounts of elevated fuel due to woody weeds		Alfred Rd to Queen Rd	F2F, RCA	woody weed removal, Fortune Avenue to Queens Road, will require Traffic Control, follow up weed management and planting
OLIVE	GROVE	LILYDALE	SOYR		grass and dumped house hold effects, elevated fuel, grass			F2F	weed management, grass slash, rubbish removal.
THOMAS	CRESCENT	LILYDALE	SOYR		elevated fuel due to woody weeds		Full Length	RCA	woody weed removal, follow up weed management and planting
ASH	GROVE	MENZIES CREEK	SOYR		minor elevated fuel				remove woody weed

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JACKSONS HILL	ROAD	MENZIES CREEK	SOYR		elevated fuel close to road	S	full length		remove woody and other weeds
SCHOOL	ROAD	MENZIES CREEK	SOYR		approach to Black Hill Rd has large hedge elevated fuel road clearance and Vision at intersection.	S	Belgrave-Gembrook Road to Selby Aure Road		approach to Black Hill Rd has large hedge elevated fuel road clearance and Vision at intersection. Contact Fuel management officer prior to works
SELBY-AURA	ROAD	MENZIES CREEK	SOYR		high levels of elevated fuel		Full Length		whole Road needs extensive woody weed removal
RIVER	ROAD	MILLGROVE	SOYR		large road reserve either side of Sherriff Close needs to be slashed as part of annual fire slash, woody weeds and other trees need inspection/removal in area either side of Wonga Rd west end	S	Full Length, including road reserve either side of Sherriff Close	F2F, RCA	wood weed removal to reduce over all fuel levels
DE WINTER	ROAD	MONBULK	SOYR		road clearance		side arm south side	RCA	veg removal for road clearance and weed control

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						Reasons for slash S= Strategic FA= Fire Access	Existing/ <i>proposed</i> slashing works	Slash Notes F2F= Fence to Fence RCA= Roadside Conservation Area BT=Batter	
BELFAST	ROAD	MONTROSE	SOYR		elevated fuel	S	Edinburgh Rd to Cambridge Rd	F2F	woody weed removal and follow up weed management
BROWNS	ROAD	MONTROSE	SOYR		road clearance and elevated fuel		full length, Nth + Sth of Tourist Rd		road clearance and woody weed removal
CAMBRIDGE	ROAD	MONTROSE	SOYR		elevated fuel	S	full length	F2F,RCA	woody weed removal and follow up weed management
CARDIGAN	ROAD	MONTROSE	SOYR		elevated fuel	S	Belfast rd to eastern end	F2F	woody weed removal and follow up weed management
JUBILEE	ROAD	MONTROSE	SOYR		minor road clearance				road clearance
MARSHALL	TERRACE	MONTROSE	SOYR		elevated Fuel			RCA	woody weed removal
MCKENZIE	GROVE	MONTROSE	SOYR		minor road clearance	S	Sheffield Rd to residences on North side	RCA	woody weeds, road clearance
MT DANDENONG TOURIST	ROAD	MONTROSE	VICROADS		elevated fuels	S	Leith Rd to Browns Rd (previously Sheffield Rd)	F2F	woody weed removal, follow up weed management and planting

Road Name	Road Type	Suburb	Responsible Authority	Terrimatrix Risk Class Green = Low, Orange = Moderate, Red = High	Potential risk identified	Annual Fire Slash of Roadsides			Roadside Fuel Modification Program
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MOUNTAIN	CRESCENT	MONTROSE	SOYR		some elevated fuel	S	full length	RCA	some woody weed removal
THOMPSONS	ROAD	MONTROSE	SOYR		minor road clearance at start		Full Length		road clearance and woody weed removal
PINE	Road	Mooroolbark							follow up weed management and brushcut, 3 service per year
CAMBRIDGE	ROAD	MT DANDENONG	SOYR		elevated fuel		full length		remove woody weed
FRASER	ROAD	MT DANDENONG	SOYR		elevated fuel				remove woody weeds
HUME	LANE	MT DANDENONG	SOYR		elevated fuel in unused road reserve at end		full length		remove all woody weeds in unused road reserve
ORNATA	ROAD	MT DANDENONG	SOYR		extreme elevated fuel in one area		Full Length		use forest mulcher to treat, contact fuel management officer prior to treatment
PRION	ROAD	MT DANDENONG	SOYR		elevated fuel		Full Length		remove woody weed
RAMAGE	ROAD	MT DANDENONG	SOYR		elevated fuel		Full Length		remove woody weeds and Ivy up trees
WOMBAT	ROAD	MT DANDENONG	SOYR		elevated fuel		Full Length		remove elevated fuel, woody weeds
FALKINGHAM	ROAD	MT EVELYN	SOYR		elevated fuels		nil		remove elevated fuel, woody weeds

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FULLER	ROAD	MT EVELYN	SOYR		grass and woody weed, BB at north end		fire slash east side	F2F	elevated fuel woody weed removal
JOY	AVENUE	MT EVELYN	SOYR		high level elevated fuel, woody weeds		add to fire slash, east side only	RCA	removal of woody weeds, follow up weed management and planting
OLD HEREFORD	ROAD	MT EVELYN	SOYR		elevated fuel/woody weed at Old Gippsland end			RCA	woody weed removal
QUINN	CRESCENT	MT EVELYN	SOYR		tree inspection, required for possible pruning, high level elevated fuel on east side of road up to private residents.		maintain fire slash, reinstate modified fuel zone from path to road and resurface path to 1.5 metres wide to provide bare earth break	RCA	removal of woody weed around perimeter of Quinn Reserve, check with BMO prior to work, follow up weed management and selective planting
WEST HILL	DRIVE	MT EVELYN	SOYR		elevated fuel in isolated locations				remove woody weeds, contact Fuel management officer and/or BMO prior to work commencement

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BLACKSTONE	LANE	NARRE WARREN EAST	SOYR		dead material elevated fuel				remove dead shrubs
KERRS	LANE	NARRE WARREN EAST	SOYR		elevated fuel		full length	RCA	remove woody weed and treat Blackberry
WARWICK FARM	ROAD	OLINDA	SOYR		road clearance and elevated fuel				remove woody weed and road clearance
MT DANDENONG TOURIST	SERVICE ROAD	SASSAFRAS	SOYR		elevated fuel				continue woody weed removal from 332-348 service road,
BLACK HILL	ROAD	SELBY	SOYR		elevated fuel at Menzies Creek end,	S	full length		extensive elevated fuel that may need forest mulcher head for best treatment, also woody weed removal, contact Fuel management officer to discuss
BOLTON	ROAD	SELBY	SOYR		minor elevated fuel in this area (Bolton-Batesleigh Rd complex)	S	temple Rd to Batesleigh Rd		minor elevated fuel in this area (Bolton-Batesleigh Rd complex) remove all woody weed
CHARLES	STREET	SELBY	SOYR		elevated fuel				remove woody weed
HORIZON	ROAD	SELBY	SOYR		road clearance of planted shrubs and dead weeds				prune/remove shrubs at north west end, side arm treated weeds(Spanish heath)

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JAMES	STREET	SELBY	SOYR		elevated fuel				remove woody weed Nation Rd end
MONTANA	GROVE	SELBY	SOYR		elevated fuel				remove woody weed
NATION	ROAD	SELBY	SOYR		road clearance	S	full length		prune conifers at east end
ST LEONARDS	ROAD	SELBY	SOYR		elevated fuel in road reserve triangle			RCA	needs extensive but staged removal of woody weeds, contact fuel management officer prior to work, consider removal of female pittos only until some reveg undertaken. Also follow up weed management (ivy)
HAAG	ROAD	SEVILLE	SOYR		dead trees	S	full length	F2F, RCA	removal of woody weeds at intersection of Henderson Rd
HENDERSONS	ROAD	SEVILLE	SOYR		many elevated fuels	S	Warburton Hwy to Russell Rd	F2F, RCA	remove woody weed and brush, forest mulcher head required
THE SERPENTINE	NO DESC	TECOMA	SOYR		elevated fuel				remove woody weed
BLUE BELL	COURT	THE PATCH	SOYR		road clearance from hedge				road clearance issues only to be treated, do not trim private trees and shrubs

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MURRAY	ROAD	THE PATCH	SOYR		minor elevated fuel		full length		remove woody weed near intersection of The Patch Road
PORTMAN	ROAD	THE PATCH	SOYR		Road clearance and elevated fuel				prune to improve road clearance and remove woody weeds
WILLIAM	ROAD	THE PATCH	SOYR		elevated fuel	S	Grantulla Road to Killista Emerald Road		remove woody weeds
DUNSTAN	CRESCENT	TREMONT	SOYR		minor elevated fuel				remove woody weed
FOREST VIEW	LANE	UPPER FERNTREE GULLY	CITY OF KNOX		elevated fuel				remove elevated fuel
ROYAL	STREET	UPPER FERNTREE GULLY	CITY OF KNOX		elevated fuel	S	Full Length		woody weed removal
BELMONT	AVENUE	UPWEY	SOYR		extreme elevated fuel at front of a small number of properties near intersection of Highcliff Rd	S	Morris Rd to Guy Street		fuel reduce, garden plants and weeds. Contact fuel reduction officer prior to works.
DEANS	ROAD	UPWEY	SOYR		low level elevated fuel and road clearance				woody weed removal and road clearance

Road Name	Road Type	Suburb	Responsible Authority	Terrimatrix Risk Class Green = Low, Orange = Moderate, Red = High	Potential risk identified	Annual Fire Slash of Roadsides			Roadside Fuel Modification Program
						Reasons for slash S= Strategic FA= Fire Access	Existing/ <i>proposed</i> slashing works	Slash Notes F2F= Fence to Fence RCA= Roadside Conservation Area BT=Batter	
FERNDALE	ROAD	UPWEY	SOYR		high levels elevated fuel and weed				extensive removal of woody weed and blackberry
FERGUSON	STREET	UPWEY	SOYR		elevated fuel at one residence west of Roma Pde				fuel reduce, garden plants and weeds. Contact fuel reduction officer prior to works.
HENDERSON	STREET	UPWEY	SOYR		low level elevated fuel and road clearance				woody weed removal and road clearance
OAKDALE	ROAD	UPWEY	SOYR		elevated fuel and weeds		full length		has been the subject of significant fuel reduction to create fuel modification zone, needs additional works to complete plan
EDMOND	CRESCENT	WANDIN NORTH	SOYR		elevated fuel		nil		removal of willows cotoneaster and BB, hwy end to number 13
SEBIRE	AVENUE	WANDIN NORTH	SOYR		elevated fuel and fallen branches	S	Victoria Road to Warburton Hwy	F2F, RCA	remove woody weeds and fallen branches

Road Name	Road Type	Suburb	Responsible Authority	Terrimatrix Risk Class Green = Low, Orange = Moderate, Red = High	Potential risk identified	Annual Fire Slash of Roadsides			Roadside Fuel Modification Program
						Reasons for slash S= Strategic FA= Fire Access	Existing/ <i>proposed</i> slashing works	Slash Notes F2F= Fence to Fence RCA= Roadside Conservation Area BT=Batter	
VICTORIA	ROAD	WANDIN NORTH	SOYR		fallen branches opposite 326, dead limbs just east of 326, also at Zig Zags at east end require tree inspection	S	Warburton Hwy to Sunnyside Road, <i>continue woody weed removal program</i>	F2F	trees leaning for inspection outside 665, additional woody weed removal inspected June 2014.
CLARKE	AVENUE	WARBURTON	SOYR		low level elevated fuel	S	La La Avenue to Unity Court	RCA	woody weed removal
DAMMANS	ROAD	WARBURTON	SOYR		leaning trees and woody weeds	S	Blackwood Rd to end	RCA	remove woody weed
HILL	ROAD	WARBURTON	SOYR		extensive woody and other weed problem raising elevated fuel levels at unused portion of road through to Brett Rd				extensive woody and other weed removal and possibly some earth works to facilitate slhing in future.
HORNERS	ROAD	WARBURTON	SOYR		reinspected Jun 14, elevated fuel at Primary School end	S	Lelia Rd to Riverside Drive	RCA	remove woody weed at Primary school triangle
CLARKE	AVENUE	WARBURTON	SOYR		elevated fuel				woody weed removal at triangle near school

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4.2 Council Maintained Fire Access Roads

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Next steps

Send the completed form and a work plan to:

Attn: Ben Nahm

Native Vegetation – Roadside Exemption

Biodiversity and Ecosystem Services

Department of Environment and Primary Industries

PO Box 500

East Melbourne VIC3002

Plans will be reviewed against the requirements of the Agreement within 28 days.

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