



Shire of Dardanup

APPENDICES

BUSHFIRE ADVISORY COMMITTEE MEETING

To Be Held

Tuesday, 20 February 2018
Commencing at 7.00pm

At




Shire of Dardanup
ADMINISTRATION CENTRE EATON
1 Council Drive - EATON

This document is available in alternative formats such as:
~ Large Print
~ Electronic Format [disk or emailed]
Upon request.

Autumn 2018 Shire of Dardanup

Legend

STATUS

-  Scheduled
-  Treated
-  Local Govt. Authorities (LGA)

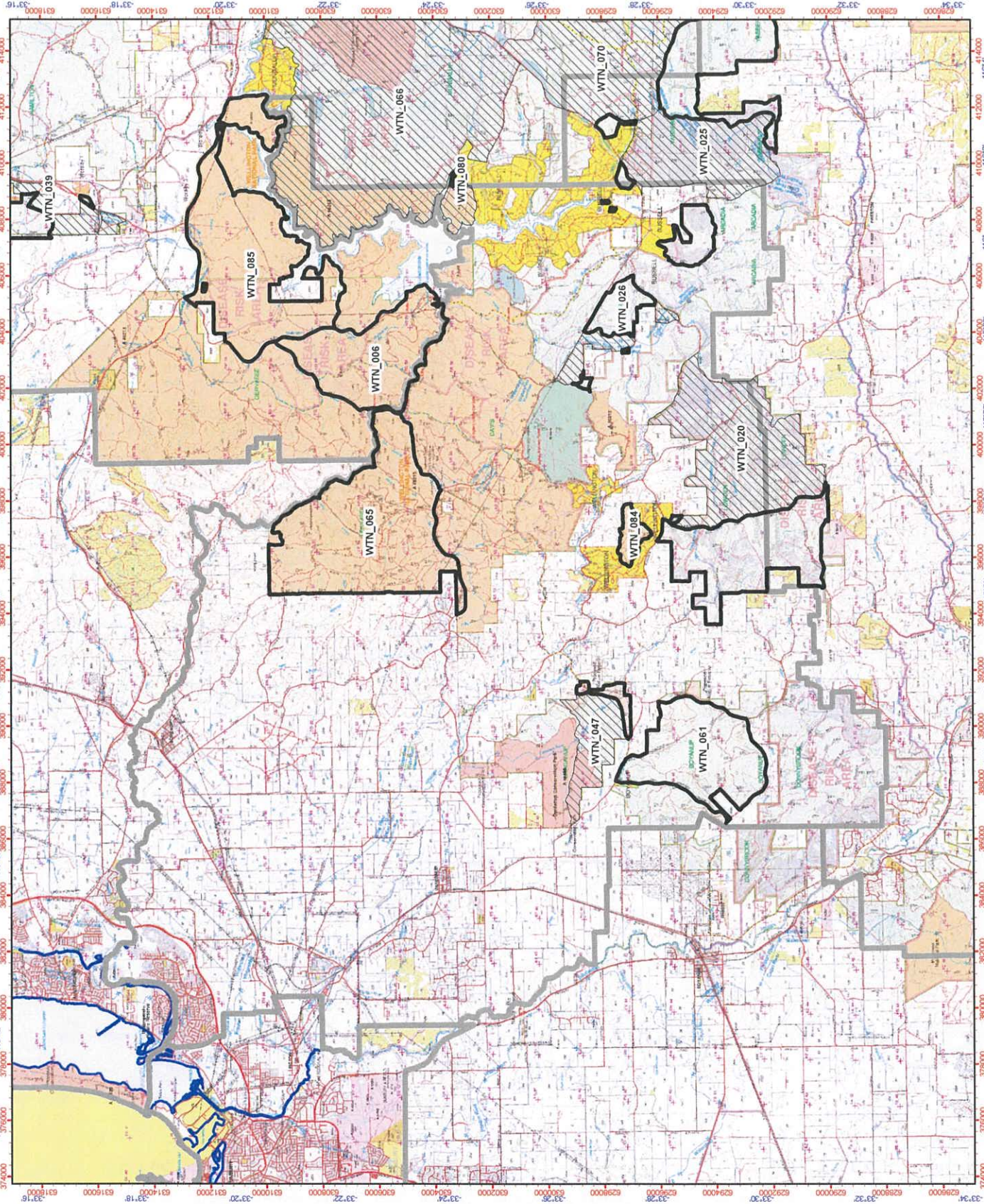
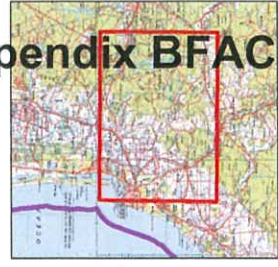


Projection: Universal Transverse Mercator
MGA Zone 50. Datum: GDA94

Produced by the
Department of
Parks and Wildlife



(Appendix BFAC: 9.3)



Graticule shown at 2 minutes intervals
Grid shown at 2000 metre intervals

Roads and tracks on land managed by DPAW may contain unmarked hazards and their surface condition is variable. Exercise caution and drive to conditions on all roads.

The Dept. of Parks and Wildlife does not guarantee that this map is without flaw of any kind and disclaims all liability for any errors, loss or other consequence which may arise from relying on any information depicted.

(Appendix BFAC: 9.4A)

Report of the Department of Fire and Emergency Services for the Shire of Dardanup

Bushfire Advisory Management Committee

Tuesday 20 February 2018

DFES staff changes

- Darragh Wills has commenced with DFES South West region in his role as Bushfire Risk Mitigation Officer (previously role undertaken by Steve Ward and Greg Hamlyn).
- Michelle Wells has taken on an administration officer role until September replacing Liesl Nel who has taken up a contract at DFES Cockburn.
- Tristan Gulvin has taken up the new CESM position in the Shire of Collie.

Organic and Acid Sulphate Soils (Operational circular 118/2017)

A document is available to advise on managing bushfires in organic soils (*A Guide to Preventing and Suppressing Bushfires on Organic and Acid Sulphate Soils*).

There is significant concern relating to fire and organic soils including safety of fire fighters, environmental harm and risk of fire. The three principles relating to fire and organic soils are:

- Exclude fire from organic soils;
- Attack fires rapidly using large amounts of water; and,
- Minimise ground disturbance of organic soils.

LGGS

DFES will be working with the Shire of Dardanup on developing a 2018-19 grant application.

Diesel Particulate Diffusers during bushfire fighting (Operational circular 115/2017)

A new SOP 3.5.2 outlines the procedure to follow to prevent the DPD causing grass to be ignited or placing the appliance in limp-mode.

2.4 Tanker Front Tyres (Operational circular 107/2017)

There is an opportunity to have a wider tyre placed on all 2.4s. This is done on a fair wear and tear basis.

- Alternative wider front tyres are now an option for 2.4 tankers
- The 2.4 tanker must have an existing vehicle modification permit (indicated by a plate on the vehicle) to allow 275mm wide front tyre fitment – please check the tankers you have identified
- Alternative parts and decals can be sourced through your supply lines or Fleet (9337 0620) can advise suppliers if needed.

Preseason operations information session

An informal get together to discuss operational preparedness was held at the Joshua Crooked Brook fire shed on the 19th December. The purpose was to discuss what preparedness, actions and information are required before a bushfire starts and its initial stages. Thanks to every-one that

(Appendix BFAC: 9.4A)

attended. It is planned to hold a similar type of session before next years bushfire season. Suggestions for the format are welcomed.

2017/18 bushfire season

At this stage the bushfire season has been very quiet with no large bushfires in the region. Thanks to all brigades for responding to the fires that we have had.

Climate outlook overview (BOM)

The February to April rainfall outlook, issued 25 January 2018, shows most of WA is likely to have a wetter than average three months. Smaller patches in the tropical north and far southeast are also likely to be wetter than average.

- February is likely to be wetter than average for western and southern Australia.
- February to April daytime and night-time temperatures are likely to be cooler than average for parts of the western and southeastern mainland Australia, but warmer than average for Tasmania and northeast Australia.
- Weak La Niña conditions continue in the tropical Pacific Ocean. Models suggest it will dissipate during autumn.

See the BOM *Climate Influences* section for more information.

2018 South West Volunteer Training Calendar

The draft calendar has been distributed to training officers seeking their input into proposed courses. It will be a digital calendar that can be updated on a regular basis. The plan for much of this year's training will be in response to requests for courses from LG / BGUs, based on their training needs. Please contact me if you would like to request any courses to be added to the SW Region Volunteer Training Calendar.

Operational Preparedness Briefing

Each Monday and Thursday DFES holds a State-wide OPB to discuss upcoming weather events, current incidents and level of preparedness for each region. An invitation is extended to FCOs, Captains and LG staff to attend these briefings.

High Threat Period Enhanced Mobilising Trial 2017/18

The South West Enhance Mobilising (SWEM) in addition to the SW Response Zone (SWRZ) is to increase the likelihood of initial attack success by increasing the automatic response during the high-threat bushfire period. The SWEM is for grass/scrub/bush fires around areas of high valued assets during the periods of 0800-1800 hours from 1 December to 31 March. Additional to the normal response by Shire of Dardanup BFBs, the nearest VFRS and Bunbury 2nd CFRS appliances will be mobilized to an incident in the designated area. Normal control and communication arrangements will remain in place. The SWEM document and maps are attached.

eAcademy updates

The following changes have implemented:

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- Students will have improved access to reports, including competency report and regional course calendar. Students will be able to view their competency attainment dates. Pathway completions will be automatically marked.
- Students will be able to register for training directly from the course catalogue. Students will be able to see hidden archived competencies.
- Business Unit Supervisors will be able to indicate a priority and comments to Pathway and Training applications.
- Business Unit Supervisors will be able to register their personnel on training occurrences.

The latest eAcademy newsletter is attached.

Australia Day Awards

Congratulation to all the recipients of the national fire service medals recently presented on Australia Day. Thanks to Burekup BFB for the opportunity for Superintendent Peter Norman and myself to attend their Australia Day celebration breakfast and participate in the award ceremony.

John Carter
Area Officer – Harvey Hills
DFES SW Region
Mobile 0428 100 452

Regional visits

Having delivered the suite of customisations described on the previous page, the eAcademy Support Team's busy and productive summer continues. Planning is now underway for a series of regional visits to communicate the changes and perform training for added functionality.

Manjimup, Albany, Narrogin, Bunbury and Geraldton visits are already scheduled over the next few months, with others still in negotiation to find suitable dates. Information sessions for Metropolitan Course Coordinators have also been scheduled for early February using the virtual classroom.

To find out more about upcoming visits to your region, or to request additional visits, please contact regional managers or your Training Support Officer.

Pathway reviews

Pathway reviews are continuing to progress towards the 'lock down' date of 1 September, after which further changes will only be made as part of an annual update. Review processes are being coordinated by Pathway Managers, ensuring that existing Initiation and Improvement forms are considered and that appropriate stakeholder consultations are undertaken.

Key changes are being guided by the Pathways Procedure, which introduces the important addition of informative Implementation Guides for each Pathway.

The Fire Investigation Unit are the first section to have their updated documentation approved by the Pathways Review Committee. Revised Pathways for Fire Investigation Officer and Fire Investigation Officer (Advanced) will be published in the eAcademy early in February using a new simpler format, with the inclusion of comprehensive Implementation Guides.

Changes are likely within DFES in the upcoming year as a result of Machinery of Government and Rural Fire Service initiatives. Whatever those changes may bring, one thing that won't change is the need for volunteers and staff to be trained to do their job safely and effectively.

The Pathways framework is the DFES way of achieving this aim. The eAcademy is the DFES system for administering and delivering Pathways training, in a way that gives all students important visibility and self-management of their training. As such all Academy staff are committed to continued efforts to keep improving Pathways and the eAcademy based on your constructive feedback.

So keep up your contributions to guide our system improvements. Talk to your regional staff, talk to your TSO, complete an IIR form, or write to eacademyhelp@dfes.wa.gov.au.

We are listening.

Brad Stringer

Assistant Commissioner
Professional Development

eAcademy News

January 2018

How your feedback helps all eAcademy users

When the eAcademy Support Team visited Esperance in March 2017, one of the people they met was Jamie, the Training Manager for Esperance SES. Jamie wanted to be able to apply for Pathways and courses on behalf of his unit members. There were members who had very limited access to the internet and he wanted to be able to provide support for those members so they wouldn't miss out on training.

As is the case with all direct feedback received by the eAcademy Support Team, Jamie's request was added to the eAcademy Issues List. The team explored different ways to deliver what Jamie and other users required. This initiated a host of eAcademy enhancements that were deployed on 3 January, 2018. Jamie, and other Business Unit Supervisors, can now apply for courses directly in the course catalogue on behalf of their members.

This was just one of 30 enhancements delivered on that day. Other significant improvements include:

- Shorter turn-around time between student completion of a Pathway and ability to apply for the next Pathway
- More ways students can apply for courses
- Greater clarity and detail about student competencies
- Increased Business Unit Supervisor functionality to contribute to Pathway and course application processes
- Additional ways Business Unit Supervisors can assist students with limited internet access
- Simpler course creation process for Course Coordinators
- Easier checking of prerequisites for Course Coordinators
- Automated Pathway registrations for Corporate personnel
- Improved security of certificates

Each enhancement started in the same way as Jamie's request – a user issue raised with the eAcademy Support Team directly or through the chain of command. Since the eAcademy's inception in May 2016, we've collected over 200 ideas for improvement. The eAcademy Team have consulted widely, exploring solutions to improve your experience of the eAcademy.

Here's a picture of the progress we've made so far:

	June 2016	Jan 2017	Jan 2018
Number of issues total	139	152	214
Number of issues resolved	22	54	126
% of issues resolved	16%	36%	58%

Your feedback continues to be valuable to us. Please do not hesitate to contact your regional office or, through your Training Support Officer, request a visit to your region from the eAcademy Support Team.

Detailed information about all customisations can be found in the News panel on the eAcademy dashboard.

TRAINING SUPPORT

Key Contact Details (January 2018)

Region	Name	Contact
Goldfields Midlands	Sharon Cocking Training Support Officer	Sharon.cocking@dfes.wa.gov.au 9690 2327
Great Southern	Michelle Nesbitt Training Support Officer	Michelle.nesbitt@dfes.wa.gov.au 9845 5013
Kimberley	Anne Adcock Business/Training Support	Anne.adcock@dfes.wa.gov.au 9158 3220
Lower South West	Donna Virgo Regional Training Coord.	Donna.virgo@dfes.wa.gov.au 9771 6806
Metro Coastal	Kailah Grasso Training Support Officer	Kailah.grasso@dfes.wa.gov.au 9395 9772
Metro East	Darlene Hatherley Training Support Officer	Darlene.hatherley@dfes.wa.gov.au 8478 8315
Midwest Gascoyne	Jo Bettsworth Training Support Officer	Joeleen.Bettsworth@dfes.wa.gov.au 9556 6015
Pilbara	Martine Butler Business/Training Support	Martine.butler@dfes.wa.gov.au 9159 1400
South West	Leanne (Lea) Dale Training Support Officer	Leanne.dale@dfes.wa.gov.au 9780 1933
SWORD	Bek Milne Training Officer	bek.milne@dfes.wa.gov.au
Volunteer Marine Rescue	Teresa Lunn A/Training Coordinator	Teresa.lunn@dfes.wa.gov.au 9454 0773



South West Region

High Threat Period Enhanced Mobilising Trial 2017-18

Operational Protocol

(Appendix BFAC: 9.4C)

Endorsed by: Superintendent South West Peter Norman

Introduction

Identified areas to the east of the South West Response Zone (SWRZ) are characterised by a diverse mixture of land tenures, landforms, vegetative cover, fuel types and residential, commercial and industrial development inclusive of critical infrastructure. The absence of strategic tenure blind bushfire mitigation programs has led to accumulations of excessive fuel loads especially in the rural urban interface areas and road/river systems. These high fuel loads, combined with hot, dry, southern summer bushfire season and a history of fire ignitions represent a high-risk situation for summer bushfire. These factors along with poor strategic fire access making contemporary fire management complex and difficult.

The heightened bushfire potential in the South West increases the reliance on effective fire suppression during the summer months. It is recognised that effective fire suppression relies upon, both the timely detection of fire and the application of an aggressive initial attack, supported by early notification of air services. Given the spatial distribution of suppression resources and the array of fire services operating in the area, an agreed automated response across agencies is pivotal to provide effective suppression during the early stages of fire development.

The objective of South West Enhanced Mobilising in addition to SWRZ is to increase the likelihood of initial attack success by improving initial response times and apply a resource base commensurate with bushfire risk in the area. Collaborative workshops have been conducted, including Local Government CBFCO's, VFRS Captains and CFRS Station Officers and agreement to trial in 2017/18 High Threat Period with a review in May 2018.

Operational Times

- The Enhanced Mobilising turnout protocols are for reported grass/scrub/bush fires in purple shaded zones on attached maps and operational for the High Threat Period (December – March) **only**.
- Operational period for automated response is:
 - 0800 – 1800 hours daily.

Supervisor Communication Centre (SCC)

The SCC may use discretion when mobilising to other types of fires however, this will be undertaken in consultation with local fire manager or the Regional Duty Coordinator (RDC).

SCC should maintain one CFRS crew within Bunbury Gazetted fire district wherever possible.

South West High Threat Period Enhanced Mobilising

Response to bushfires in the purple shaded response zones involve an automatic multi-agency turnout, as a minimum:

- One appliance from the relevant Local Government Bush Fire Brigades (Mobilisation as per normal procedures through Group-call / 000 agreement);
- One appliance from the nearest available Volunteer Fire & Rescue Service station;
- Bunbury 2nd CFRS appliance

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City of Bunbury



South West High Threat Period Response Zones - City of Bunbury



Our Ref: 2018/19 LGGS Manual

Mr Mark Chester
Chief Executive Officer
Shire of Dardanup
PO Box 7016
EATON WA 6232



Dear Mr Chester

2018/19 LOCAL GOVERNMENT GRANTS SCHEME (LGGS) MANUAL, OPERATING AND CAPITAL GRANTS

To enable a more efficient way for you to share information with your brigades, units and other stakeholders, the 2018/19 LGGS Manual and associated forms are provided in the enclosed USB. This information (excluding LGGS forms 3a and 3b) is also available for downloading from the Department of Fire and Emergency Services (DFES) website.

Inquiry and Review outcomes

The State Government supports the recommendations of the *Reframing Rural Fire Management: Report of the Special Inquiry into the January 2016 Waroona Fire* and has tabled the Economic Review Authority's final report of the Review of the Emergency Services Levy. Given the formal implementation of these recommendations is still in train, the LGGS process for 2018/19 will continue to operate in its current format.

Changes in 2018/19

LGGS processes continue to be refined in response to the valuable feedback received from stakeholders, including the Western Australian Local Government Association which has endorsed the amendments. Changes in the 2018/19 LGGS Manual include:

- Summary of Change from previous version sections;
- Annual update - General editing, updating of text and clarification of existing eligible and ineligible items;
- Advice as to the status of the review of eligible and ineligible items and outcomes to date;
- Advice of the inclusion as eligible LGGS expenditure of the following items (includes outcomes to date from the eligible item review*):
 - Police and Working with Children Checks for Volunteers;
 - Portable air compressors for BFB light tanker appliances;
 - *Hand held Navigation devices (SES);
 - *Cotton T shirts (BFB);
 - *Re-chargeable tools (SES);
 - *Re-chargeable lighting (SES); and
 - *Tabard Kits (BFB).

(Appendix BFAC: 9.5A)

Operating Grants

The 2018/19 Operating Grant offers for BFBs and State Emergency Service units are based on the average of the previous two years' completed acquittals (which demonstrates past expenditure trends) and the current year's actual allocation, then indexed with the prevailing cost escalation factor, being one percent for 2018/19.

Local Governments have the option to accept the assessed allocation or apply for an alternative allocation. If the DFES assessed allocation offer is accepted, a submission is only required for items between \$1,200 and \$5,000 (that is, line item 9 requests using LGGs form 7 'non-recurrent expenditure justification').

If the offer is not accepted, please submit an application for an alternate operating grant request (via LGGs form 6 'operating grant budget estimate – alternate allocation'). Justification to support the increases across line items 1-8 must also be included.

Capital Grants

LGGs Form 3a Capital - Appliance/Vehicle/Boats/Trailers

This form details the proposed appliance/vehicle replacement schedule for 2018/19 and the indicative program for 2019/20 to 2022/23. This program is subject to change due to funding and cost variations, production capabilities and variations in regional resourcing plans and risk profiles. Local Governments can accept the appliance/vehicle replacement program for 2018/19 or request an alternative program via form 3a. Alternative appliance/vehicle program requests will be subject to the replacement terms specified in Section 3.2 State-wide Resource Replacement Plan.

LGGs Form 3b Capital – Facilities provides details of facilities in your region and this information is used to inform the determination of grant funding. Please verify (and update if required) the information provided in forms 3a and 3b and include the forms with your application.

Guiding Principles for Capital Grant Considerations

Please note that in considering Capital Grant applications, the BFB and SES Capital Grants Committees (CGC) adopt the following guiding principles:

1. In the first instance, all DFES offers for appliances/vehicles in the 2018/2019 Replacement Program will be honoured.
2. New facilities will not be approved unless the land is identified and acquired or assigned.
3. Priority will be given to new facilities and facility modifications:
 - that house prescribed assets that are currently in the open or housed on private property; and
 - where a fit for purpose assessment has been undertaken and has shown the existing facility is not fit for purpose and requires either replacement or upgrading.
4. New and additional appliance/vehicle requests will again not be considered for approval. The CGC members have resolved:

'That with the sustainability assessment that has recently been undertaken, and given the number of current reviews/projects such as light fleet review, crew cab protection initiatives and future fleet project, the CGC agreed that pending the outcome of the reviews, funding be directed towards providing facilities for those appliances/vehicles housed on private property or in the open as a priority as against additional vehicles'.

(Appendix BFAC: 9.5A)

Contacts should you need assistance or information

- Mr Peter Raykos, LGGS Funding Officer, is available for any general queries relating to the LGGS via peter.raykos@dfes.wa.gov.au or 9395 9846.
- Ms Natasha Dudarz, Resource Allocation Officer, is available for queries relating to Appliances/Vehicles and Facilities via email on natasha.dudarz@dfes.wa.gov.au or 9395 9857.

Lodging your application

Applications must include signed LGGS forms 1, 2, 3a and 3b (together with any other/alternative requests and supporting documentation) and can be emailed to peter.raykos@dfes.wa.gov.au or posted to:

Mr Peter Raykos
Grants Funding Officer
Department of Fire and Emergency Services
PO Box P1174
PERTH WA 6844

Closing date

Applications close at **5pm Friday, 30 March 2018**. If an application is not lodged, DFES will apply the assessed operating and capital grant for 2018/19.

I take this opportunity to acknowledge the support provided by your Local Government in protecting the safety of the Western Australian community. It is greatly appreciated.

Yours sincerely



RICHARD BURNELL
EXECUTIVE DIRECTOR CORPORATE SERVICES

10 January 2018

(Appendix BFAC: 9.5A)

Bush Fire Brigades Local Government Grant Scheme 2018/19 Operating Grant Assessed Allocation

Local Government	Dardanup
Region	South West

Total Gross Offer 2018/19 Operational Grant (Line Items 1-8)	\$104,020
Less Unexpended funds carried over from 2016/17	
Net Cash Grant Offer - 2018/19 (Line Items 1-8)	\$104,020

* TBA – To be advised on receipt / completion of 2016/17 Annual Operating Grant Acquittal (Form 8)

State Emergency Service Local Government Grant Scheme 2018/19 Operating Grant Assessed Allocation

Local Government	Dardanup
Region	South West

Total Gross Offer 2018/19 Operational Grant (Line Items 1-8)	
Less Unexpended funds carried over from 2016/17	
Net Cash Grant Offer - 2018/19 (Line Items 1-8)	

* TBA – To be advised on receipt / completion of 2016/17 Annual Operating Grant Acquittal (Form 8)

(Appendix BFAC: 9.5B)

TRK Name	Risk Rating	Min No Students	Max No Students	Trainer / Assessor Ratios	NOTES
Rescue and First Aid					
Road Crash Rescue	High	4	12	1:4	
Heavy Rescue	High	4	8	1:4	
Vertical Rescue	High	8	10	1:3	
Manage Injuries	High	4	12	1:4	
Casualty Transfer Systems	High	6	12	1:4	
Confined Space Rescue ... Cat 1	Low	6	12	2 qualified instructors	
Confined Space Rescue ... Cat 2	High	8	10	2 qualified instructors	
USAR ... Cat 1	Low	7	12	2 qualified instructors	
Urban Structural and Communications					
Introduction to Fire Fighting	Low	5	15		
Pump Operations	Low	5	*5 (per appliance)	1:5	*Resource restrictions will also impact on maximum numbers
Structural Fire Fighting	Medium	5	*10	1:5*	Resource restrictions will also impact on maximum numbers
Marine Fire Support	Low	5	15	Only 1 Trainer Assessor required	
Marine Fire Assessment & Containment	Medium	5	15	Only 1 Trainer Assessor required	
WAERN Basic	Medium	5	*10	1:5*	Resource restrictions will also impact on maximum numbers
WAERN Advanced	Medium	5	5	1:5	
Introduction to Structural Fire Fighting	Low	5	*10	1:5	*Resource restrictions will also impact on maximum numbers

(Appendix BFAC: 9.5B)

TRK Name	Risk Rating	Min No Students	Max No Students	Trainer / Assessor Ratios
Command and Control				
Incident Controller (Level 2)	High	4	8	1:4
Operations Officer	High	4	8	1:4
Planning Officer	High	4	12	1:4
Sector Commander	High	4	12	1:4
Logistics Officer	High	4	12	1:4
Public Information Officer	Medium	4	12	
Safety Advisor	High	4	12	
Incident Controller (Level 1)	High	4	12	1:4
Bushfire				
Crew leader / advanced Fire fighter	High	8	18	Minimum 2 TAs
Advanced Bush fire fighting	Medium	8	18	Minimum 2 TAs
Crew leader Bushfire	High	8	18	Minimum 2 TAs
Bushfire fighting	Low	5	15	2:5 – Minimum 2 trainers required
Sector commander	Medium	6	12	Minimum 3 TAs
Fire Control Officer	Medium	8	18	Minimum 2 TAs
Chief Fire Control Officer	Medium	8	12	Minimum 2 TAs
Intro to Bush fire fighting	Low	5	18	1:5
Machine Supervision	Medium	8	12	Minimum 2 TAs
Plantation fire fighting	Medium	8	12	Minimum 2 TAs
Navigate in urban and rural environments	Low	6	18	Minimum 2 TAs

(Appendix BFAC: 9.5B)

Minimum and Maximum Recommended Trainer Assessor: Student Ratios

TRK Name	Risk Rating	Min No Students	Max No Students	Trainer / Assessor Ratios	NOTES
Workplace Trainer Assessor	High	6	12	Ratio 1:6 to meet assessment timelines	
Natural Hazards					
Basic General Rescue	Low	6	20	Ratio – 1:6	
Chainsaw Operator	High	2	8	Ratio – 1:2	
Field Radio Operator	Low	6	16	Ratio - 1:6	
Field Search Controller	Medium	4	6	Ratio – 1:2	
Flood Rescue Boat	High	4	12	Ratio - 1:4 Depends on number and size of boats	
Land Search Team Member	Low	6	20	Ratio – 1:8	
Land Search Team Leader	Medium	4	10	Ratio – 1:3	
Navigate to an Incident	Low	4	15	Ratio – 1:6	
SES Induction	Low	1	20	Ratio – 1:10 Can be done on Training Night	
Storm Damage – Ground & Roof	High	6	20	Ratio – 1:5 (1 TRK for all 3 Phases)	
Storm Damage – RSS Builder	High	4	8	Ratio – 1:5 (1 TRK for all 3 Phases)	
VR – Single Rope Rescue	High	5	15	Ratio – 1:5 (1 TRK for all 3 Phases)	
VR – Rope Rescue Systems	High	5	15	Ratio – 1:5 (1 TRK for all 3 Phases)	
VR – Advanced Vertical Rescue	High	5	15	Ratio – 1:5 (1 TRK for all 3 Phases)	