

Shire of Denmark

Fire Management

Notice 2018/19



For All Fire
Emergencies
Dial 000

To all owners and/or occupiers of land in the Shire of Denmark

FIRST & FINAL NOTICE

PURSUANT to the powers contained in Section 33 of the *Bush Fires Act 1954*, you are hereby required **on or before 1st December 2018 to implement, and then continuously maintain until 30th April 2019** the requirements relevant to your property as specified in this Notice.

YOU own the property.....YOU own the risk!
Penalties apply for non-compliance.

DATES TO REMEMBER.....

NB: these dates may vary to accommodate unseasonal conditions.
Notification of any variation will be made via Public Notice; website, Facebook.

				CAMP/COOKING FIRES					
PREPARE			COMPLIANCE						
NO PERMIT REQUIRED		RESTRICTED		PROHIBITED			RESTRICTED		NO PERMIT REQUIRED
NO PERMIT REQUIRED		PERMIT REQUIRED		PROHIBITED			PERMIT REQUIRED		NO PERMIT REQUIRED
Jul Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May Jun

- **Prohibited Burning Time (PBT)**; 16th December to Last Day of February.
- **Restricted Burning Time (RBT)**; 1st November to 15th December—1st March to 30th April. Permits are required.
- A Permit is required to burn **any** area of **Standing Bush** from 1st October to 15th December & 1st March to 30th April. ('Standing Bush' is a term for all types of forest, woodland and scrub areas. It is defined to include "trees, bushes, plants, stubble, scrub, and undergrowth of all kind whatsoever whether alive or dead" in these areas.)
- All fire risk mitigation measures, as per this Notice, are to be implemented and maintained from 1st December to 30th April.
- Prepare your property as described in the requirements overleaf.
- No permit required; you may light an open fire but you must have the means to extinguish or control and contain the fire within the boundaries of the property.
- Camping & cooking fires are prohibited throughout the Shire of Denmark from 16th December to the last day of February, **except** in designated locations. *See over.*

PERMITS TO BURN THE BUSH*

Free of charge

- Permits can only be obtained from your Local Fire Control Officer (FCO).
- The Permit Holder must give notice to ALL immediate neighbours prior to burning.
- No permits will be issued during the Prohibited Burning Time.
- Permit holders MUST comply with ALL conditions on the permit as set out by the FCO.
- When the Fire Danger Rating is '**VERY HIGH or above**', the permit is **NOT** valid. No fire to be lit.



Fire Danger signs located at;
 - Opposite Denmark Cemetery - Peaceful Bay
 - Denmark Visitor Centre - Nornalup
 - Cnr Campbell/Ocean Beach Rds - Bow Bridge

Denmark (Stirling Coast); Shire of Denmark
 website www.denmark.wa.gov.au

* Definitions & Explanatory Notes

forming part of this Notice can be found on the Shire website www.denmark.wa.gov.au or available from the Shire office.



Bushfire Ready is a community-based bushfire preparedness program. To register your interest for your neighbourhood, please contact the Shire of Denmark Community Emergency Services Manager on 9848 0300 or enquiries@denmark.wa.gov.au

FIRE MITIGATION & PREPAREDNESS IS A SHARED RESPONSIBILITY

21 August 2018 - Attachment 9.1

REQUIREMENT 1—Lots zoned Residential, Industrial, Commercial & Professional Office size 2500m² or less.

Reduce fire fuel from the whole of the land such that the fire fuel is maintained to a maximum of 2 tonnes per hectare or 5 tonnes per hectare for predominantly Karri treed areas. Isolated trees and managed shrubs may generally be retained.

REQUIREMENT 2a - Lots zoned Residential, Industrial & Commercial size greater than 2500m².

Establish and maintain an **Asset Protection Zone*** around all habitable buildings.

Remainder of land – grassed areas to be maintained to a maximum height of 100mm. Fire fuel in bush areas is to be maintained to a maximum of 8t/ha, or 15t/ha for predominantly Karri bush areas.

Vehicular access/egress to dwelling to be constructed to allow emergency and other vehicles to move through easily and safely at all times. Minimum standard 6m horizontal clearance with 4m trafficable surface and 4.5m vertical clearance, incorporating a suitable turn around area for a 3.4 fire appliance.

REQUIREMENT 2b - Lot size over 0.5ha— In addition to the provision of Requirement 2a, establish and maintain a Low Fuel Boundary Access (see below) with a 4m trafficable surface and 4.5m vertical clearance.

NOTE – Where any conditions listed in Requirements 2a or 2b are physically impractical on a Lot, the Shire may approve an **Urban Fire Management Plan*** or **Variation*** in place of the standard Requirement 2a or 2b requirements.

REQUIREMENT 3 — Land zoned Special Rural, Special Residential, Landscape Protection, Tourist or Rural Multiple Occupancy

In addition to any specific fire related provisions that may relate as per Town Planning Scheme or Bushfire Management Plan for your property, which can be obtained from the Shire, you are required to **Comply with Requirement 2a or 2b** as applicable.

REQUIREMENT 4 – Rural Land

Establish and maintain an **Asset Protection Zone*** around all habitable buildings. See explanatory notes re. Other Buildings.

Vehicular access/egress is to be constructed as per **Requirement 2a**

Establish and maintain a Low Fuel Boundary Access with a 4m trafficable surface and 4.5m vertical clearance, or obtain Shire approval for a **Variation***

Open Pasture/grassed areas are to be generally maintained to a maximum height of 100mm, or livestock grazing occurs on the land and ‘commercial stocking rates’ are observed. Actively managed pastures, forming part of an agricultural pursuit, may exceed a 100mm height if approved by a Shire Ranger. See Explanatory Notes for details.

Where a bush area on a property exceeds 40ha, the bush area is to be compartmentalised with Low Fuel Access into areas not greater than 40ha. This Access must have a 6m width, 4m trafficable surface and 4.5m vertical clearance.

Through Bush; slashed to a maximum height of 100mm, passing places should be installed every 100m and should be 20m long and 6m wide. Turn-around areas (10m radius), suitable for heavy Duty Fire Appliances should be installed every 500m.

REQUIREMENT 5 – Specific Hazards; Haystacks, Fuel Storage Areas, Power & Telecommunication Infrastructure

Establish and maintain a Low Fuel Zone (parkland cleared) 4m wide, encircling **haystacks and fuel storage areas.**

Establish and maintain a Low Fuel Zone (parkland cleared) 1m wide, around **Power Infrastructure** e.g. poles and Underground Power Domes.

For **Telecommunications/Radio Infrastructure** contact/consult the Shire.

REQUIREMENT 6 – Plantations, any area in which trees have been planted for commercial purposes.

The Shire of Denmark has adopted the Guidelines for Plantation Fire Protection developed by the Department of Fire & Emergency Services. All plantations are to be managed as per the [Guidelines for Plantation Fire Protection](#).

REQUIREMENT 7— Strategic Fire Access Route (SFAR)

Where a Strategic Fire Access Route is located on your property, you will be required to install and maintain it, to the satisfaction of the Shire, between 1st December and 30th April. It must not be obstructed by buildings, fences or additional tree planting and so on. Unlocked gates are to be provided on property boundaries where the SFAR crosses.

LOW FUEL BOUNDARY ACCESS ‘Firebreak’ CONSTRUCTION

May be constructed by ploughing, grading, raking, burning, chemical spraying or any other method to achieve required standard.

Required Standard within Shire of Denmark;

On Pasture; slashed to a maximum height of 100mm, as close as practically possible to the boundary.

Through Bush; slashed to a maximum height of 100mm, as close as practically possible to the boundary. Passing places should be installed every 100m and should be 20m long and 6m wide.

Turn-around areas (10m radius), suitable for Heavy Duty Fire Appliances should be installed every 500m.

CAMPING & COOKING FIRES*

Designated locations where open camping & cooking fires are permitted during the **Prohibited Burning Time**, **EXCEPT** when the **Fire Danger Rating** indicates ‘**VERY HIGH**’ or **above** are;

Private Land Riverbend Caravan Park: 40 Riverbend Lane Denmark, Ayr Sailean: 21 Tindale Rd Bow Bridge Boat Harbour, Chalets: 171 Boat Harbour Rd Parryville

Public Land Parry Beach Caravan Park (Shire), Parry Beach Angling Club Hut (Shire), Peaceful Bay Caravan Park (Shire)

Care is to be taken when burning near Denmark River and Quickup Dam drinking water catchment areas
— see Explanatory Notes for further information.

Shire of Denmark — Fire Control Officers

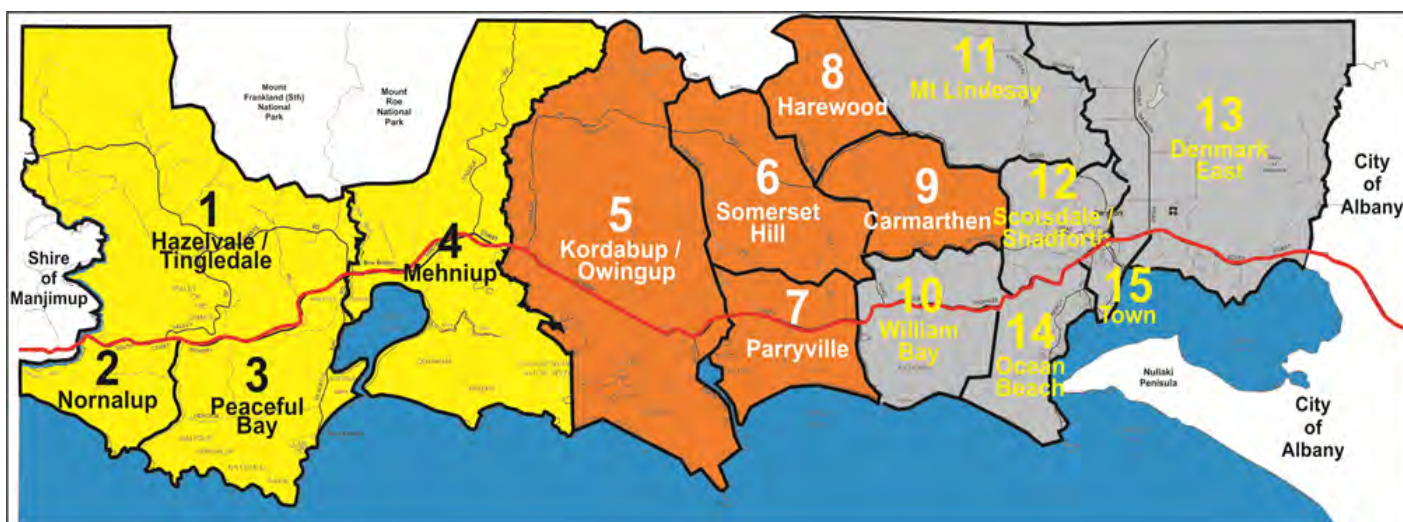
Chief Bush Fire Control Officer	Ross McDougall	9840 9583	0428 788 008
Deputy Chief Bush Fire Control Officer	Leslie (Lez) Baines	9840 9847	0408 956 133
Fire Weather Officer	Adrian Kranendonk	9848 1340	
Community Emergency Services Manager	Scott Medhurst	9848 0300	0428 913 937
Senior Ranger	Charmaine Shelley	9848 0300	0488 909 650
Ranger	David Lonie	9848 0300	0429 482 244

Brigade FCOs, (number refers to the map below):

1.	Hazelvale VBFB	Alexander (Alex) Williams	0417 188 843
2.	Tingledale VBFB	Brian Vigus	9840 8053
3.	Nornalup VBFB	To be confirmed	
4.	Peaceful Bay VBFB	Ivars Sulcs	9840 8362
5.	Mehniup VBFB	Dan Willans	0402 653 330
6.	Kordabup VBFB	Craig Lilley	0417 746 848
7.	Owingup VBFB	Bryce Edwards	9840 8784
8.	Somerset Hill VBFB	Callum Baxter	9840 9553
9.	Parryville VBFB	Kevin Hard	9840 9336
10.	Harewood VBFB	Michael (Mike) Hills	0417 097 199
11.	Carmarthen VBFB	Craig Hughes	0407 223 297
12.	William Bay VBFB	Simon Coppock	0488 971 145
13.	Mt Lindesay VBFB	Murray Brooker	0429 094 136
14.	Scotsdale VBFB	Arthur (Sid) Marshall	9840 9019
15.	Shadforth VBFB	Carl Wesley	9848 3404
16.	Denmark East VBFB	Bronnie Wallace	0450 683 778
17.	Ocean Beach VBFB	Derek (Joe) Baker	9848 3238

Bush Fire Control Officers authorised within the prescribed Denmark Fire & Rescue Service Area Only

18.	Town	Don Atkinson	9848 3228(w)	0427 481 651(a/h)
		Lee Shelley		0416 476 933



Shire of Denmark Fire Management Notice—Explanatory Notes

EXPLANATORY NOTES.

Parkland Cleared

Removal of all vegetation, understorey & grasses, other than ‘substantial vegetation’ to create a low fuel area.

Substantial Vegetation

Refers to all types of vegetation where the diameter of the trunk (including bark) measured 1 (one) metre above ground level exceeds 50mm

Fire Fuel (Kindling) — any combustible material, dead or alive, in isolation or clusters or aggregation with other combustible materials that, in the opinion of a Shire Ranger, is likely to fuel a bushfire.

Vehicular Access;

- See page 68 table 4—[Guidelines for Planning in Bushfire Prone Areas](#)

Table 4: Vehicular access technical requirements

TECHNICAL REQUIREMENTS	1 Public road	2 Cul-de-sac	3 Private driveway	4 Emergency access way	5 Fire service access routes
Minimum trafficable surface (m)	6*	6	4	6*	6*
Horizontal clearance (m)	6	6	6	6	6
Vertical clearance (m)	4.5	N/A	4.5	4.5	4.5

Camping or Cooking Fires

Section 25 (1a) of the *Bush Fires Act 1954*, a Local Government may prohibit the lighting of fires in the open air in its district for the purpose of camping or cooking during the prohibited burning time.

Section 25 (1c) (a) unless the fire is lit, *in a place specified in the Notice as being set aside for the lighting of camping and cooking fires.*

Council Policy P050102

Pursuant to the powers under Section 25 (1a) of the *Bush Fires Act 1954*, the Shire of Denmark hereby prohibits the lighting of fires in the open air in its district for the purpose of camping or cooking during the prohibited burning times, unless the fire is:

- (a) At a person’s home; *(A person’s permanent home or residence must be a building approved by the Shire. A temporary shed or caravan or other structure on an otherwise vacant Lot is not classified as a ‘permanent home’ and the lighting of camping or cooking fires in these situations is Prohibited during the PBT and subject to the issue of a permit during the RBT) or*
- (b) In an area which –
 - (i) Is set aside for that purpose by the State Authority or Local Government responsible for the care, control or management of the land; and
 - (ii) Bears the State Authority’s or Local Government’s sign denoting that purpose; and
 - (iii) All combustible material is cleared from within a 5 metre radius of the fire; and
 - (iv) The fire danger rating today indicates no greater than “high or low-moderate”.

The fire must be;

- Contained within a purpose built structure of brick or rocks and mortar or
- Contained within a purpose built steel container recognisable as a properly constructed barbecue or
- Is a sand fire pit structure, suitable for a camp fire or cooking fire, that has a maximum diameter of 1 metre and a minimum depth of 30cm

Shire of Denmark Fire Management Notice—Explanatory Notes

Burning of Garden Refuse

Section 24G (2) & (4) of the *Bush Fires Act 1954*, Minister or Local Government may further restrict burning of garden refuse.

- (2) A local government may, by a notice published in the *Gazette* and a newspaper circulating in its district, prohibit or impose restrictions on the burning of garden refuse within its district that is otherwise permitted under section 24F.
- (4) In a notice under this section the Minister or a Local Government must specify;
 - (a) The person or class of persons to whom; and
 - (b) The area in which; and
 - (c) The period which,The notice applies.

Council has resolved, through Policy P050101, to impose restrictions on the burning of garden refuse;

- No burning of garden refuse is permitted in the restricted burning season without a permit.
- No burning of garden refuse is permitted throughout the entire prohibited fire season.
- All garden refuse that is burnt is to be thoroughly dry so as to not cause a smoke nuisance to neighbouring properties.

Other Buildings— including farm sheds, out buildings and other non-habitable buildings

Please consult the Shire of Denmark for any clearing permissions/requirements around these buildings.

URBAN FIRE MANAGEMENT PLAN

An 'Urban Fire Management Plan' (UFMP) is a special fire risk mitigation plan that applies in exceptional situations, such as steep slopes in close proximity to a Shire or Department of Parks & Wildlife managed reserve, vegetation of high conservation value or a combination of situations, where special fire risk mitigation provisions may be necessary.

Download UFMP form—[here](#)

Proposals for a UFMP must be provided to the Shire no later than 1st November for permission to provide alternative fire mitigation measures on the land.

- **If a UFMP has been approved** by the Shire, it will thereafter replace and totally extinguish the landowner's obligations to otherwise implement the standard regulations as described in the Fire Regulation Notice, appropriate to the zoning of the property.
- **If a UFMP has not been approved** then the standard Regulations must be implemented by the due dates.

A fee, as per the current Fees & Charges, will be applied by the Shire for the initial assessment and subsequent renewal of a UFMP.

A VARIATION TO FIRE REGULATION NOTICE—No Fee Applied

A 'Variation' application can be made to address a particular situation; for example, variations to boundary access ways where the land is inaccessible due to being too steep, rocky, fragile or permanently water-logged.

PENALTIES FOR NON-COMPLIANCE

The penalty for failing to comply with this Notice is **a fine of \$250 and a penalty through the Courts of not more than \$5000**. A person in default is also liable, whether prosecuted or not, to pay the cost of performing the work directed in this Notice if it is not carried out by the property owner and/or occupier by the date required in this Notice.

RESPONSIBILITIES TO EXTINGUISH FIRES

Property owners and/or occupiers of land are reminded that Section 28 of the *Bush Fires Act 1954* provides that where a bush fire is burning during the Restricted or Prohibited Burning Time, the property owner and/or occupier of the land shall, whether they have lit or caused such a fire to be lit or not, take all possible measures to extinguish the fire. Where a property owner fails to extinguish the fire, a Shire Fire Control Officer may take all proper measures to extinguish such fire and expenses of that action are recoverable from the relevant owner.

Shire of Denmark Fire Management Notice—Explanatory Notes

PASTURE/GRASSED AREAS MANAGEMENT

Open pasture/grassed areas must be managed to reduce fire fuel loads and to **maintain** those reduced fuel loads throughout the Restricted and Prohibited Burning Times.

Management of pasture/grassed areas may involve slashing or cutting, grazing of livestock (where permitted by the Development Provisions relative to your property), or a combination of these methods, as follows:

- Open pasture/grassed areas must generally be maintained to a height of not more than 100mm; **or**
- There is grazing of livestock on the pasture/grassed areas and 'commercial stocking rates' in accordance with Department of Agriculture & Food WA guidelines are observed; **or**
- Actively managed pastures, forming part of an agricultural pursuit, may exceed a 100mm height if approved by a Shire Ranger.

PERMIT TO BURN 'STANDING BUSH'

In this Notice, 'Standing Bush' is a term for all types of forest, woodland and scrub areas. It is defined to include "trees, bushes, plants, stubble, scrub, and undergrowth of all kind whatsoever whether alive or dead" in these areas.

You are required to obtain a Permit to burn 'Standing Bush' during the periods **1st October** to 15th December and 1st March to **30th April**.

This Permit requirement applies to **any** size area of Standing Bush.

BURNING OFF NEAR QUICKUP AND DENMARK SURFACE WATER CATCHMENT AREAS



Government of Western Australia
Department of Water and Environmental Regulation



Burning Off near Quickup and Denmark Surface Water Catchment Areas

Please be mindful when burning off near the Quickup and Denmark surface water catchment areas as destruction of riparian vegetation along the banks of the rivers and tributaries may impact the quality of our water resources.

Riparian vegetation buffers protect the water quality by acting as barrier to slow down water, filter out potential harmful contaminants (e.g. nutrients and pathogens), and to protect the embankment from soil erosion. Riparian vegetated buffers are also important to support waterway ecology and habitat. Therefore, the loss of riparian vegetation through fire can degrade water quality (e.g. increase in nutrient levels, pathogens, and turbidity) and impact the value of local water resources.

Specific controls on vegetation clearing for salinity management are also provided under part IIA of the Country Areas Water Supply Act 1947. These specific clearing controls apply within six Western Australian catchment areas, including the proclaimed Denmark River and Quickup Dam Catchment Areas. Please be aware that catchment rangers undertake routine inspections in public drinking water supply areas.

Advice on the location of public drinking water source areas and sensitive water resources can be obtained from the Department of Water's website on www.water.wa.gov.au or by contacting the Albany regional office on 9841 0100.

Shire of Denmark Fire Management Notice—Definitions

DEFINITIONS

Asset Protection Zone (APZ) - a low fuel area immediately surrounding a building.

An APZ is an area surrounding a building that is managed to reduce the bushfire hazard to an acceptable level.

1. For habitable buildings built to AS3959, the APZ is to be maintained as per the Bushfire Attack Level (BAL) assessment for that specific property. The APZ should, at a minimum, be of sufficient size to ensure the potential radiant heat impact of a fire does not exceed 29kW/square metre, Bushfire Attack Level (BAL) 29.
2. For habitable buildings not built to AS3959, refer to adjacent table for APZ size. **Please note;** this may be dependant upon property specific BAL.
3. Location: within the boundaries of the lot on which the building is situated;
4. Fire Fuel load: reduced to and maintained at **two tonnes per hectare;**
5. Trees (>5m in height) at maturity should be a minimum of 6m from the building, branches should not touch or over-hang the building, lower branches should be removed to a height of 2m above the ground, canopies should be atleast 5m apart and coverage should be less than 15%.
6. Shrubs (0.5m to 5m in height) should not be located under trees or within 3m of buildings or planted in clumps of >5metres square in area.
7. Ground covers (<0.5m in height) can be planted under trees but must be maintained to remove dead material and any part within 2m of a building.
8. Grass should be managed to maintain a height of 100mm or less.

Refer to [Guidelines for Planning in Bushfire Prone Areas](#) for more information.

Consult Shire of Denmark Building Department for the applicable BAL rating that relates to your specific building.

Fire Fuel (Kindling) — any combustible material, dead or alive, in isolation or clusters or aggregation with other combustible materials that, in the opinion of a Shire Ranger, is likely to fuel a bushfire.

Including but not limited to;

- Heavy leaf litter on the ground, dead leaves in gutters, fallen branches, bracken or any combustible vegetation in clusters. Of particular concern are combustible materials suspended off the ground;
- All dry grasses exceeding a height of 100mm;
- Any tree within the APZ or branch of a tree that may fall onto a building which in the opinion of a Shire Ranger constitutes an unacceptable fire risk.

It does not include;

- Vegetable gardens, tended lawns, landscaped gardens (including deciduous or ornamental planted trees), isolated planted shrubs, established natural or planted trees that, in the opinion of a Shire Ranger, do not constitute an unacceptable fire risk;
- Well compacted dead vegetative material e.g. mulch, that in the opinion of a Shire Ranger does not constitute an unacceptable fire risk.

Tonnes per Hectare;

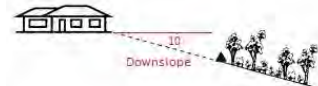
- 2 tonnes per hectare = 200 grams (2 handfuls) **fire fuel** per square metre
- 8 tonnes per hectare = 800 grams (8 handfuls) **fire fuel** per square metre
- 15 tonnes per hectare = 1500 grams (15 handfuls) **fire fuel** per square metre

Strategic Fire Access Route (SFAR)

A Strategic Fire Access Route is both a major fire access road and a major firebreak—it must be a minimum of 6m wide, clear of all fire fuel, have an all-weather trafficable surface of at least 4m, a vertical clearance of at least 4.5m and be designed to allow a heavy duty fire truck to access your property. There needs to be provision for a turning area (minimum radius of 10m) approximately every 500m along the Strategic Fire Access Route. Passing places should also be installed every 100m, should be 20m long and 6m wide.

Where a Strategic Fire Access Route is located on your property, you will be required to install and maintain it, to the satisfaction of the Shire, between 1st December and 30th April. It must not be obstructed by buildings, fences or additional tree planting and so on. Unlocked gates are to be provided on property boundaries where the SFAR crosses.

Strategic Fire Access Routes apply to identified properties in the Shire and details of the locations can be sourced from the Shire Rangers.



Asset Protection Zone— when not built to AS3959		
Slope Level	Add	Adjusted Distance Min. 20m
10 Deg	10m	30m
20 Deg	20m	40m
30 Deg	30m	50m

