

SECTION TWO - BUSH FIRE ASSESSMENT REPORT
(Attach to DA)

PART A Property Details

Applicants Name: Pengwen

Contact Phone Number; (H): (.....) (M):

Council: Penrith Council Reference (if known):

Lot: 2183 DP: 1168992

Address to be developed: 15 Adina Street, Jordan Springs

My property is on Bush Fire Prone Land: Yes

PART B Type of Proposal

Type of Proposal:

- New Building
- Dual Occupancy
- Alteration/Additions to an existing building
- Urban
- Rural Residential
- Isolated Rural

Proposal Description: e.g. two storey house with attached garage

single storey dwelling

Copy of plans attached Yes

PART C Bush Fire Attack and Level of Construction

Step 1: Assess the vegetation about the proposed building in all directions and convert from Keith to AUSLIG (1990) using Table 1

CATEGORY	NORTH	EAST	SOUTH	WEST
Converted vegetation	<input type="checkbox"/> Forest	<input type="checkbox"/> Forest	<input type="checkbox"/> Forest	<input type="checkbox"/> Forest
	<input type="checkbox"/> Woodland	<input type="checkbox"/> Woodland	<input type="checkbox"/> Woodland	<input type="checkbox"/> Woodland
	<input type="checkbox"/> Shrubland	<input type="checkbox"/> Shrubland	<input type="checkbox"/> Shrubland	<input type="checkbox"/> Shrubland
	<input type="checkbox"/> Scrub	<input type="checkbox"/> Scrub	<input type="checkbox"/> Scrub	<input type="checkbox"/> Scrub
	<input type="checkbox"/> Mallee/Mulga	<input type="checkbox"/> Mallee/Mulga	<input type="checkbox"/> Mallee/Mulga	<input type="checkbox"/> Mallee/Mulga
	<input type="checkbox"/> Rainforest	<input type="checkbox"/> Rainforest	<input type="checkbox"/> Rainforest	<input type="checkbox"/> Rainforest
	<input type="checkbox"/> Tussock	<input type="checkbox"/> Tussock	<input type="checkbox"/> Tussock	<input type="checkbox"/> Tussock
	<input type="checkbox"/> Moorland	<input type="checkbox"/> Moorland	<input type="checkbox"/> Moorland	<input type="checkbox"/> Moorland
	<input checked="" type="checkbox"/> Managed Land	<input checked="" type="checkbox"/> Managed Land	<input checked="" type="checkbox"/> Managed Land	<input checked="" type="checkbox"/> Managed Land

Copy of any relevant photos attached Yes

Step 2: Determine the distance from the building line to the vegetation in each direction as above

ASPECT	NORTH	EAST	SOUTH	WEST
Distance	<u>100m</u>	<u>100m</u>	<u>100m</u>	<u>100m</u>

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Step 3: Determine the effective slope that will influence bushfire behaviour in each direction

CATEGORY	NORTH	EAST	SOUTH	WEST
Slope under the hazard (over 100m) [in degrees]	<input checked="" type="checkbox"/> upslope/flat	<input checked="" type="checkbox"/> upslope/flat	<input checked="" type="checkbox"/> upslope/flat	<input type="checkbox"/> upslope/flat
	<input type="checkbox"/> >0 to 5	<input type="checkbox"/> >0 to 5	<input type="checkbox"/> >0 to 5	<input type="checkbox"/> >0 to 5
	<input type="checkbox"/> >5 to 10	<input type="checkbox"/> >5 to 10	<input type="checkbox"/> >5 to 10	<input type="checkbox"/> >5 to 10
	<input type="checkbox"/> >10 to 15	<input type="checkbox"/> >10 to 15	<input type="checkbox"/> >10 to 15	<input type="checkbox"/> >10 to 15
	<input type="checkbox"/> >15 to 18	<input type="checkbox"/> >15 to 18	<input type="checkbox"/> >15 to 18	<input type="checkbox"/> >15 to 18

Step 4: Determine the Fire Danger Index (FDI) that applies to your local government area (see page 9). Circle the relevant FDI below

FDI	<input checked="" type="checkbox"/> 100	<input type="checkbox"/> 80	<input type="checkbox"/> 50
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Step 5: Match the relevant FDI, vegetation, distance and slope to determine the required APZ and Construction level

FDI	<input checked="" type="checkbox"/> 100 (see Table 4, page 11)	<input type="checkbox"/> 80 (see Table 5, page 12)	<input type="checkbox"/> 50 (see Table 6, page 13)
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Identify the bush fire attack level for each direction, select the highest level for the entire building and record below. Note BAL-12.5 is the lowest construction level within the scope of AS3959.

Bush Fire Attack Level

- | | |
|----------------------------------|--|
| <input type="checkbox"/> BAL- FZ | <input type="checkbox"/> BAL- 19 |
| <input type="checkbox"/> BAL- 40 | <input type="checkbox"/> BAL-12.5 |
| <input type="checkbox"/> BAL- 29 | <input checked="" type="checkbox"/> No requirement |

Does your proposal meet the required construction level YES NO

PART D

Flame Zone Provide details and evidence of an alternative solution.

If you determine your house is located in the flame zone you may wish to seek the advice of a specialist bush fire consultant.

PART E Water Supplies

Does your property have a reticulated (piped) water supply?; If so, please provide details on the distance to the nearest fire hydrant on your site plan.

Reticulated (piped) water supply is available

Yes No Distance (m) to hydrant from house.

Do you have or do you plan to have a dedicated water supply for firefighting purposes?

Yes No

Development Type	Water Requirement	Planned	Existing
Residential Lots (<1,000m ²)	5,000 l/lot		
Rural-residential Lots (1,000–10,000m ²)	10,000 l/lot		
Large Rural/Lifestyle Lots (>10,000m ²)	20,000 l/lot		
Dual Occupancy	2,500 l/unit		
Townhouse/Unit Style (e.g. Flats)	5,000 l/unit up to 20,000l maximum		

Do you have or do you plan to have a static water supply (e.g. pool, tank or dam). Include approx. size in litres and also include tank material if using a tank:

Water supply type	Capacity	Construction material	Planned	Existing
e.g. pool	50,000l	Above ground rolled steel with plastic liner		

NOTE: Check with your local council concerning their Local Environmental Plan (LEP) or their Development Control Plan (DCP) as this may dictate the type and size of tank.

PART F Gas Supplies

GAS

Do you have reticulated (piped) or bottled gas?

TYPE OF GAS

Reticulated gas Yes No
 Bottled gas Yes No



NOTE: When attaching development plans please ensure they clearly show location and details of electricity and gas (where relevant) on your property.