



## NSW RURAL FIRE SERVICE

Penrith City Council  
PO Box 60  
PENRITH NSW 2751

Your reference: DA20/0262 (CNR-8094)  
Our reference: DA20200529001898-Original-1

**ATTENTION:** Penrith Council

Date: Monday 15 June 2020

Dear Sir/Madam,

### Development Application

**s4.14 - Infill - Waste or resource management facility**  
**344 Park Rd Wallacia NSW 2745 AUS, 5//DP655046**

I refer to your correspondence dated 22/05/2020 seeking advice regarding bush fire protection for the above Development Application in accordance with section 4.14 of the *Environmental Planning and Assessment Act 1979*.

The New South Wales Rural Fire Service (NSW RFS) has considered the information submitted and provides the following recommended conditions:

### General Conditions

***Intent of measures: to minimise the risk of bush fire attack and provide protection for emergency services personnel, residents and others assisting firefighting activities.***

#### Condition 1

A Bush Fire Emergency Management and Evacuation Plan must be prepared and be consistent with the NSW RFS document: *A Guide to Developing a Bush Fire Emergency Management and Evacuation Plan*.

### Asset Protection Zones

***Intent of measures: to minimise the risk of bush fire attack and provide protection for emergency services personnel, residents and others assisting firefighting activities.***

#### Condition 2

All combustible waste materials shall be stored inside the resource recovery facility building to prevent the ignition of materials from potential bush fire attack (including ember attack). The storage of combustible materials in the open air or exposed to bush fire attack is strictly prohibited.

#### Condition 3

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#### Postal address

NSW Rural Fire Service  
Locked Bag 17  
GRANVILLE NSW 2142

#### Street address

NSW Rural Fire Service  
4 Murray Rose Ave  
SYDNEY OLYMPIC PARK NSW 2127

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[www.rfs.nsw.gov.au](http://www.rfs.nsw.gov.au)

From the start of building works and in perpetuity, the property around the resource recovery facility must be managed as an inner protection area (IPA) as follows:

- North for a distance of 100 metres;
- East for a distance of 25 metres;
- South for a distance of 21 metres; and,
- West for a distance of 49 metres.

When establishing and maintaining an IPA, the following requirements apply:

- Tree canopy cover be less than 15% at maturity;
- Trees at maturity are not touching or overhang the building;
- Lower limbs are removed up to a height of 2m above the ground;
- Tree canopies are separated by 2 to 5m;
- Preference is given to smooth-barked and evergreen trees;
- Large discontinuities or gaps in vegetation are provided to slow down or break the progress of fire towards buildings;
- Shrubs are not located under trees;
- Shrubs do not form more than 10% ground cover;
- Clumps of shrubs are separated from exposed windows and doors by a distance of at least twice the height of the vegetation.
- Grass to be kept mown (as a guide grass should be kept to no more than 100mm in height);
- Leaves and vegetation debris are removed; and
- NSW Rural Fire Service's document *Standards for asset protection zones*.

#### **Construction Standards**

***Intent of measures: to minimise the risk of bush fire attack and provide protection for emergency services personnel, residents and others assisting firefighting activities.***

#### **Condition 4**

New construction (except for the northern elevation/s) of the resource recovery facility building shall be non-combustible and comply with section 3 and section 7 (BAL 29) Australian Standard AS3959-2018 Construction of buildings in bush fire-prone areas or NASH Standard (1.7.14 updated) National Standard Steel Framed Construction in Bushfire Areas – 2014 as appropriate and Section 7.5 of *Planning for Bush Fire Protection 2019*.

#### **Condition 5**

New construction on the northern elevation/s of the resource recovery facility building shall be non-combustible and comply with section 3 and section 6 (BAL 19) Australian Standard AS3959-2018 Construction of buildings in bush fire-prone areas or NASH Standard (1.7.14 updated) National Standard Steel Framed Construction in Bushfire Areas – 2014 as appropriate and Section 7.5 of *Planning for Bush Fire Protection 2019*.

#### **Condition 6**

The building proposed to be converted into an office shall be upgraded to improve ember protection by enclosing all openings (excluding roof tile spaces) or covering openings with a non-corrosive metal screen mesh with a maximum aperture of 2mm. Where applicable, this includes any sub floor areas, openable windows, vents, weepholes and eaves. External doors are to be fitted with draft excluders.

#### **Condition 7**

Any new Class 10b structures as defined per the National Construction Code shall be non-combustible.

#### **Access – Property Access**

***Intent of measures: to minimise the risk of bush fire attack and provide protection for emergency services personnel, residents and others assisting firefighting activities.***

#### **Condition 8**

Property access roads must comply with Table 7.4a of *Planning for Bush Fire Protection 2019*, excluding the requirements for an alternative property access road.

#### **Water and Utility Services**

***Intent of measures: to minimise the risk of bush fire attack and provide protection for emergency services personnel, residents and others assisting firefighting activities.***

#### **Condition 9**

The provision of water, electricity and gas must comply with Table 7.4a of *Planning for Bush Fire Protection 2019*. Alternatively, water can be provided under the provisions for static water supply.

For any queries regarding this correspondence, please contact Simon Derevnin on 1300 NSW RFS.

Yours sincerely,

Kalpana Varghese

**Team Leader, Dev. Assessment & Planning  
Planning and Environment Services**