



NSW RURAL FIRE SERVICE

Dept. Of Planning - Urban
Locked Bag 5022
Parramatta NSW 2124

Your reference: SSD 8194
Our reference: DA-2019-02585-EIS & DA
Exhibition-1

ATTENTION: See letter

Date: Friday 8 April 2022

Dear Sir/Madam,

Development Application
Other - Part3A - (none)
Modification 9 - Dendrobium Mine, (none)

I refer to your correspondence regarding the above proposal which was received by the NSW Rural Fire Service on 17/03/2022.

The NSW Rural Fire Service has reviewed the information supplied and provides the following recommended conditions.

Emergency Management & Planning

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

1. A Fire Management Plan (FMP) must be prepared/updated by a suitable qualified consultant. As a minimum, the FMP shall include:

- 24 hour emergency contact details including alternative telephone contact;
- site infrastructure plan;
- fire fighting water supply plan that provides suitable fittings and identifies operational access for fire fighting vehicles to connection points;
- site access and internal road plan that has been designed and constructed in accordance with the fire trail specifications defined in section 4.1.3 (3) of 'Planning for Bush Fire Protection 2006';
- construction of asset protection zones (APZ) around all critical assets and infrastructure and their continued maintenance;
- location of hazards (physical, chemical, and electrical) that will impact on the fire fighting operations and procedures to managed identified hazards during the fire fighting operations;
- mitigation measures designed to prevent fire occurring within the site, and prevent fire escaping the site and developing into a bush/grass fire risk to the surrounding area; and,
- such additional matters as required by the NSE RFS District Office.

Asset Protection Zones

1

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

T (02) 8741 5555
F (02) 8741 5550
www.rfs.nsw.gov.au

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

2. From the start of building works, and in perpetuity to ensure ongoing protection from the impact of bush fires, asset protection zones (APZs) must be provided to an IPA standard as shown on the plan labelled Figure 8: Risk Treatments, in the report from Peterson Bushfire, dated 3 February 2022, Ref: 21149.

When establishing and maintaining an inner protection area (IPA) the following requirements apply in accordance with the requirements of Appendix 4 of *Planning for Bush Fire Protection 2019*:

- tree canopy cover should be less than 15% at maturity;
- trees at maturity should not touch or overhang the building;
- lower limbs should be removed up to a height of 2m above the ground;
- tree canopies should be separated by 2 to 5m;
- preference should be given to smooth barked and evergreen trees;
- large discontinuities or gaps in vegetation should be provided to slow down or break the progress of fire towards buildings;
- shrubs should not be located under trees;
- shrubs should not form more than 10% ground cover; and
- clumps of shrubs should be separated from exposed windows and doors by a distance of at least twice the height of the vegetation.
- grass should be kept mown (as a guide grass should be kept to no more than 100mm in height); and
- leaves and vegetation debris should be removed.

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.

3. Where possible, the gas plant switch room, compressors and filter station as well as the enclosed flare housing must be upgraded to improve ember protection by enclosing all openings with a non-corrosive metal screen mesh with a maximum aperture of 2mm. Where applicable, this includes any openable windows, vents, air intakes and the like. External doors are to be fitted with draft excluders.

For any queries regarding this correspondence, please contact Marc Ellwood on 1300 NSW RFS.

Yours sincerely,

Martha Dotter
**Supervisor Development Assessment & Plan
Built & Natural Environment**