



RFS



Murray River Council
PO Box 21
MATHOURA NSW 2710

Your reference: (CNR-70044) 10.2024.157.1
Our reference: DA20240711002825-Original-1

ATTENTION: Ashleigh Cartlidge

Date: Friday 12 July 2024

Dear Sir/Madam,

Development Application

s4.14 - Other - Extractive Industry

Moama Sand Quarry - 234 MILGATE RD MOAMA NSW 2731, 217//DP751152, 122//DP751152, 218//DP751152

I refer to your correspondence dated 10/07/2024 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

1. The development proposal is to generally comply with the following document except where amended by recommendations below.

- The bush fire assessment prepared by "RWCorkery & Co, Re: Moama Sand Quarry (10.2024.157.1) - Bushfire Assessment, Dated: 3/7/2024"

Council is advised that where a minor amendment to the above-noted documents is proposed, Council may use its discretion to determine whether the minor amendment warrants further assessment by the NSW RFS.

Asset Protection Zones

The intent of measure is to minimise the risk of bush fire attack and provide protection for emergency services personnel, residents and others assisting firefighting activities.

2. From the commencement of the approval, the property around the existing Office, Amenities and Parking Area must be maintained as an inner protection area to the following distances and aspects in accordance with the following requirements of Appendix 4 of *Planning for Bush Fire Protection 2019*:

- north, south, east, & west for a distance of 10 metres.

When establishing and maintaining an inner protection area, the following requirements apply:

- tree canopy cover should be less than 15% at maturity;

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- trees at maturity should not touch or overhang the building;
- lower limbs should be removed up to a height of 2 m above the ground;
- tree canopies should be separated by 2 to 5 m;
- preference should be given to smooth-barked and evergreen trees;
- large discontinuities or gaps in the shrubs layer 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;
- 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 regularly.

Access – Property Access

The intent of measure is to minimise the risk of bush fire attack and provide protection for emergency services personnel, residents and others assisting firefighting activities.

Internal access road from Milgate Road

3. The internal access roads must be upgraded to comply (if not already constructed to the following) with *Planning for Bush Fire Protection 2019*:

- property access roads are two-wheel drive, all-weather roads;
- the capacity of road surfaces is sufficient to carry fully loaded firefighting vehicles (up to 23 tonnes);
- minimum 4m carriageway width;
- a minimum vertical clearance of 4m to any overhanging obstructions, including tree branches; and,
- property access must provide a suitable turning area in accordance with Appendix 3.

Water and Utility Services

The intent of measure is to minimise the risk of bush fire attack and provide protection for emergency services personnel, residents and others assisting firefighting activities.

4. If a Static Water Supply is currently on site and is to be used for fire suppression activities, it must comply with the following:

- 65mm Storz connection with a ball valve is fitted to the outlet,
- the ball valve, pipes and tank penetration are adequate for the full 50mm inner diameter water flow through the Storz fitting and are constructed of a metal material,
- underground tanks have an access hole of 200mm to allow tankers to refill, direct from the tank,
- a hardened ground surface for truck access is supplied within 4m of the water outlet or access hole,
- unobstructed access can be provided at all times,
- underground tanks are clearly marked,
- tanks on the hazard side of a building are provided with adequate shielding for the protection of firefighters,
- all exposed water pipes external to the building are metal, including any fittings,
- where pumps are provided, they are a minimum 5hp or 3kW petrol or diesel-powered pump, and are shielded against bush fire attack,
- any hose and reel for firefighting connected to the pump must be 19mm internal diameter,
- fire hose reels are constructed in accordance with AS/NZS 1221:1997, and installed in accordance with the relevant clauses of AS 2441:2005,



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- A Static Water Supply (SWS) sign must be obtained from the local NSW Rural Fire Service (RFS) and positioned for ease of identification by RFS personnel and other users of the SWS. In this regard:
 - Markers must be fixed in a suitable location to be highly visible, and
 - Markers should be positioned adjacent to the most appropriate access for the water supply.

5. At times when the site is operational, the provision of a bulk water vehicle (water cart) with the capability of accessing all areas within the site where buildings or vehicles are located.

Emergency Management

The intent of measure is to provide suitable emergency and evacuation arrangements for people on site.

6. Preparation of a Bush Fire Emergency Management and Operations Plan in consultation with the local NSW RFS District Fire Control Centre that includes:

- detailed measures to prevent or mitigate fires igniting;
- work that should not be carried out during total fire bans;
- availability of fire-suppression equipment, access and water;
- storage and maintenance of fuels and other flammable materials;
- notification of the local NSW RFS Fire Control Centre for any works that have the potential to ignite surrounding vegetation, proposed to be carried out during a bush fire danger period to ensure weather conditions are appropriate; and
- appropriate bush fire emergency management planning.

For any queries regarding this correspondence, please contact Jamie Winter on 1300 NSW RFS.

Yours sincerely,

Anna Jones

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