



File Ref. No: BFS17/2228 (8000001541)  
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Contact: Station Officer C. Wheatley

The Department of Planning & Environment  
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3 October 2017

Dear Ms Thornton

**Environmental Impact Statement  
Kooragang Liquefied Petroleum Gas Storage Facility (SSD 8448)  
130 Cormorant Road Kooragang (Lot 1 DP 1195449)**

I refer to the above development proposal's Environmental Impact Statement (EIS) which is currently on public exhibition (from Thursday 14 September until Monday 16 October 2017). The EIS has been prepared by RPS Australia East Pty. Ltd. and is dated 22 August 2017 – Version 1. The EIS report number is identified as PR136556.

Fire and Rescue NSW (FRNSW) have reviewed the EIS, including various Appendices, in particular, Appendix 5 – Preliminary Hazard Analysis (PHA). The PHA has been prepared by Arriscar Pty. Ltd. Document Number J-000250-ELG-PHA – Revision 0, dated 10 July 2017.

FRNSW note that the primary purpose of the facility is to operate a Liquefied Petroleum Gas (LPG) storage and cylinder filling (and loading) facility. Section 4.14 of the PHA indicates that the proposed site capacity of LPG is 177 tonnes.

Based on our review, the following recommendation and comment is submitted to the Department of Planning and Environment (the Department) for consideration:

**Recommendation / Comment**

1. In the event of development consent being granted, it is FRNSW recommendation that a Fire Safety Study (FSS) is developed for the proposal and that the FSS is undertaken in accordance with the recommendations detailed in Hazardous Industry Planning Advisory Paper No.2.



It is also recommended that the FSS be approved by FRNSW to ensure its operational requirements are met.

2. Should the above recommendation be supported by the Department, FRNSW encourage the proponent, and/or their nominated consultant, to engage with FRNSW prior to undertaking the final design of the proposed facility's fire systems. In particular, design and minimum flow rate capability of the fire hydrant system, including critical components such as the location of the fire hydrant booster assembly, fire hydrants and if required, tank firewater supply.

For further information please contact Cameron Wheatley of the Fire Safety Assessment Unit, referencing FRNSW file number BFS17/2228 (8000001541). Please ensure that all correspondence in relation to this matter is submitted electronically to [fire\\_safety@fire.nsw.gov.au](mailto:fire_safety@fire.nsw.gov.au).

Yours sincerely

A handwritten signature in black ink, appearing to read 'M. Castelli', with a stylized flourish at the end.

Station Officer Mark Castelli  
Team Leader  
Fire Safety Assessment Unit