

From: Brendan.M Hurley <Brendan.M.Hurley@fire.nsw.gov.au>
Sent: Thursday, 19 November 2020 2:52 PM
To: Emma Barnett
Cc: Fire Safety
Subject: Notice of Exhibition – Minto Resource Recovery Facility (SSD-5339). BFS20/3278

Notice of Exhibition – Minto Resource Recovery Facility (SSD-5339)

Dear Emma,

Fire & Rescue NSW (FRNSW) acknowledge the receipt of your email on the 16th October 2020, requesting input into the Environmental Impact Statement (EIS) for the Minto Resource Recovery Facility (SSD-5339).

It has been the experience of FRNSW that waste recycling facilities pose unique challenges to firefighters when responding to and managing an incident. Factors such as high and potentially hazardous fuel loads, facility layout, and design of fire safety systems have a significant impact on the ability to conduct firefighting operations safely and effectively. Consultation with organisations such as FRNSW throughout the development process enables the design and implementation of more effective fire safety solutions that help to mitigate the impact of incidents when they occur.

FRNSW have reviewed the documentation that was provided in support of the development and provide the following comments and recommendations for your consideration:

- It is recommended that the stockpile plan be updated to include specific locations, sizes (heights included), separation and vehicle access distances as per FRNSW's Fire Safety Guideline.
- It is recommended that advice and considerations contained within FRNSW's Fire Safety Guideline – *Emergency Vehicle Access* be addressed. This is required such that FRNSW are able to safely access all parts of the site where an incident may occur.
- It is recommended that provisions be made for the containment of contaminated fire water run-off based on the worst credible fire scenario for the site. Any system(s) provided is to be automatic in nature and should not rely upon on-site staff or emergency services personnel to access or activate provided systems or valves in the event of fire.
- It is recommended that if the development proposes to incorporate a fire engineered solution (FES), whether a building design having a performance solution in accordance with the *National Construction Code (NCC)* or other infrastructure where building codes are not applicable, FRNSW should be engaged in the fire engineering brief (FEB) consultation process at the preliminary design phase, post approval of the development application. FRNSW also recommend that clauses E1.10 and E2.3 be addressed where a FES is required.
- It is recommended that a Condition of Consent be included that would require the fire and life safety measures for the development to be reassessed for adequacy in the event that either; significant changes are made to the site configuration, processing capacity is increased from 450,000 tpa, or there are changes to either the accepted waste streams or a significant increase in streams that are combustible in nature.
- It is recommended that the an emergency plan for the waste facility in accordance with *AS 3745–2010 Planning for emergencies in facilities* be prepared for the development. An external consultant should be engaged to provide specialist advice and services in relation fire safety planning and developing an emergency plan.
- It is recommended that an emergency services information package (ESIP) be developed for the site and access to this document be provided to emergency service organisations.

https://www.fire.nsw.gov.au/gallery/files/pdf/guidelines/guidelines_ESIP_and_TFP.pdf

If you have any queries regarding the above please contact the Fire Safety Infrastructure Liaison Unit, referencing FRNSW file number BFS20/3278. Please ensure that all correspondence in relation to this matter is submitted electronically to firesafety@fire.nsw.gov.au.

Regards
Brendan



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