

Industry Assessments
Department of Planning, Industry & Environment
GPO Box 39
Sydney NSW 2001

Attention: Susan Fox

Dear Madam/ Sir,

**New Request for Advice - St Marys Resource Recovery Facility (Borg)
(SSD-10474) (Penrith)**

Thank you for your correspondence via the Major Projects Planning Portal (ref: PAE-3745) dated 25 June 2020 requesting Transport for NSW (TfNSW) provide input to the Secretary's Environmental Assessment Requirements (SEARs) for the above.

Legislation came into effect on 1 December 2019 that brings together Roads & Maritime Services (Roads and Maritime), and TfNSW. This response reflects the advice from the new organisation.

The supporting documentation provided in support of the proposed development application has been reviewed, and the following comments are provided for inclusion in the SEARs:

A detailed traffic impact assessment should be prepared and include, but not be limited to, the following:

1. Details of all traffic types and volumes likely to be generated by the proposed redevelopment during construction and operation, including a description of haul route origins and destinations, including:
 - a. Daily inbound and outbound vehicle traffic profile by time of day and day of week (if travel patterns differ across the week);
 - b. Site and traffic management plan on how to manage number of vehicles likely to be generated during construction and operation and awaiting loading, unloading or servicing can be accommodated on the site to avoid queuing in the surrounding road network. Without extending the site to 21 Dunheved Circuit, the proponent to demonstrate that internal road network at the existing site can accommodate an increased in heavy vehicle traffics;
 - c. Detailed plan of proposed layout of internal road network to demonstrate that the site will be able to accommodate the most productive vehicle types (noting that the surrounding road network accommodates 25/26 metre B-doubles at HML) and parking on site in accordance with the relevant Australian Standard and Council's Development Control Plan;
 - d. Swept path diagrams to demonstrate vehicles entering, exiting and manoeuvring throughout the site;
 - e. An assessment of the forecast impacts on traffic volume generated on road safety and capacity of road network including consideration of cumulative traffic impacts at key intersections using SIDRA or similar traffic model as prescribed by TfNSW (former Roads and Maritime). The traffic modelling should consider the scenarios

of year 2026, 2031, 2036 and the year until the facility cease operation. These should include, but not be limited to:

- i. Forester Road/Links Road/Ropes Crossing Boulevard; and
- ii. Forester Road/Christie Street/Boronia Road.

In addition to the above there are future plans to provide access to Christie Street with the extension to Links Road, this should be considered in the future year modelling.

- f. Details plan of any proposed road upgrades, infrastructure works or new road required for the development and an assessment of potential impact on road pavement lifespan;
 - g. To ensure that the above requirements are fully addressed, the traffic impact assessment must properly ascertain the cumulative study area traffic impacts associated with the redevelopment (and any other known proposed developments in the area); and
 - h. An assessment of the accessibility and provision of public transport and active transport. TfNSW requires the Environmental Impact Assessment report to address these implications.
2. The detailed traffic impact assessment should address the relevant planning provisions, goals and strategic planning objectives in the following:
- a. Future Transport 2056 and supporting documents;
 - b. NSW Freight and Ports Plans 2018-2023;
 - c. Guide to Traffic Generating Developments 2002(RTA);
 - d. TDT 2013/04a Guide to Traffic Generating Developments; and
 - e. Austroads Guide to Traffic Management Part 12: Traffic Impacts of Development.

Thank you again for the opportunity to provide feedback on the above development application. Should you require clarification of any issue raised, please don't hesitate to contact Robert Rutledge, Principal Transport Planner, Land Use Planning and Development at Robert.rutledge@transport.nsw.gov.au.

Yours sincerely



6/7/2020

Mark Ozinga

Principal Manager, Land Use Planning & Development
Customer Strategy and Technology

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