



4 August 2020

TfNSW Reference: SYD20/00833/01

Council Reference: DP1145808 / SSD 8477614

Key Sites and Industry Assessments  
Department of Planning, Industry & Environment  
GPO Box 39  
SYDNEY NSW 2001

ATTN: Sally Munk

Dear Sally,

**REQUEST FOR SEARS – ENERGY FROM WASTE FACILITY – LOT 1-3 DP1145808  
EASTERN CREEK.**

Reference is made to the Department's correspondence dated 21 July 2020, requesting Transport for NSW (TfNSW) to provide details of key issues and assessment requirements regarding the abovementioned development for inclusion in the Secretary's Environmental Assessment Requirements (SEARs).

TfNSW would like the following issues to be included in the transport and traffic impact assessment of the proposed development which details, but not limited to the following:

**Transport and accessibility (construction and operation)**

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

1. Details of all traffic types and volumes likely to be generated by the proposed development during construction and operation, including a description of haul route origins and destinations, including:
2. Daily inbound and outbound vehicle traffic profile by time of day and day of week (if travel patterns differ across the week);
3. 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;
4. Detailed plan of proposed layout of any internal road network to demonstrate that the site will be able to accommodate movement of heavy vehicle loads and oversized load transport to the Site and parking on site in accordance with the relevant Australian Standard and Council's Development Control Plan;

5. Swept path diagrams to demonstrate vehicles entering, exiting and manoeuvring throughout the site;
6. 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:
  - Wonderland Drive / Wallgrove Road,
  - M4 Motorway / Wallgrove Road,
  - M7 Motorway / Great Western Highway/ Wallgrove Road
7. Details plan of any proposed road upgrades, infrastructure works or new road required for the development and an assessment of potential impact on load road pavement lifespan;

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 development (and any other developments within the general area and developments with direct access to the Eastern Creek Industrial Estate and surrounding streets;

- An assessment of the accessibility and provision of public transport and active transport; and
- An assessment of construction traffic impacts on the adjacent road network.

### **Statutory and Strategic Framework**

The applicant is to demonstrate that the proposal is generally consistent with all relevant environmental planning instruments including:

- State Environmental Planning Policy (Western Sydney Employment Area) 2009
- State Environmental Planning Policy (Infrastructure) 2007

In addition (but not limited to) the following plans and reports:

- Future Transport 2056 and supporting documents;
- NSW Freight and Ports Plans 2018-2023;
- Guide to Traffic Generating Developments 2002(RTA);
- TDT 2013/04a Guide to Traffic Generating Developments; and

Austrroads Guide to Traffic Management Part 12: Traffic Impacts of Developments

TfNSW also provides the following advisory comments for consideration:

As at the date of this response TfNSW has no proposal which currently requires any part of this property. Therefore there are no objections to the development proposal on property grounds. However, TfNSW advises that the subject property is within:

- A broad area currently identified for Archbold Road upgrade and extension Project. The widening of Archbold Road is proposed on the eastern side and the current paper road

reserve, impacting lot 2/1145808 and extends south through the subject land before entering the land under the ownership of the Office of Strategic Land to the south. Further information in regard to the Archbold Road upgrade and extension Project can be obtained by contacting the Project Team – Email: [archboldroadupgrade@rms.nsw.gov.au](mailto:archboldroadupgrade@rms.nsw.gov.au); Ph: 1800 548 813 (during business hours) or by visiting the project website at [www.rms.nsw.gov.au/projects/sydney-west/archbold-road/index.html](http://www.rms.nsw.gov.au/projects/sydney-west/archbold-road/index.html)

- The broad area under investigation for the Western Sydney Hub.

**Please Note:** Your subject referral to Transport for NSW (Roads) does not cover property responses for the Outer Sydney Orbital (OSO) proposal. Therefore you may wish to make a further referral direct to the Outer Sydney Orbital (OSO) project team via [corridors@transport.nsw.gov.au](mailto:corridors@transport.nsw.gov.au)

- The proponent should consult with TfNSW and Blacktown Council on any new road design or road upgrade linking to State or local road network.
- The proponent should consult with Western Sydney International airport as well as Bankstown airport in relation to the stack and fume/smoke height will satisfy any Civil Aviation Safety Authority (CASA) requirements.

If you have any further questions, David Osborne would be pleased to take your call on 0428 955 780 or please email [development.sydney@rms.nsw.gov.au](mailto:development.sydney@rms.nsw.gov.au). I hope this has been of assistance.

Yours sincerely



**Pahee Rathan**  
Senior Land Use Assessment Coordinator