

30 March 2020

The Director
Industry Assessments
Department of Planning, Industry and Environment
Locked Bag 5022
PARRAMATTA NSW 2124

Attention: Bianca Thornton

Dear Sir/Madam,

**REQUEST FOR SEARS INPUT – CHULLORA RESOURCE PROCESSING FACILITY
21 MUIR ROAD, CHULLORA**

Reference is made to the Department of Planning, Industry, and Environment (DPIE) correspondence 28 date 19 March 2020, regarding the abovementioned application which was referred to the former Roads and Maritime Services (Roads and Maritime) now Transport for NSW (TfNSW) for comment. On 1 December 2019 legislation came into effect to bring Roads and Maritime and TfNSW together as one organisation.

TfNSW has reviewed the submitted information and request the following issues to be addressed as part of the traffic and transport impact assessment of the proposed development:

- Accurate details of the current daily and peak hour vehicle, existing and future public transport networks and pedestrian and cycle movement provided on the road network located adjacent to the proposed development.
- Details of estimated total daily and peak hour trips generated by the proposal, including vehicle, public transport, pedestrian and bicycle trips.
- The adequacy of existing public transport or any future public transport infrastructure within the vicinity of the site, pedestrian and bicycle networks and associated infrastructure to meet the likely future demand of the proposed development.
- Measures to integrate the development with the existing/future public transport network.
- The impact of trips generated by the development on nearby intersections, with consideration of the cumulative impacts from other approved developments in the vicinity, and the need/associated funding for, and details of, upgrades or road improvement works, if required (Traffic modelling is to be undertaken using SIDRA network modelling for current and future years). The key intersections to be modelled/examined include:
 - Rookwood Road / Muir Road
 - Muir Road / Dasea Street
- The identification of infrastructure required to ameliorate any impacts on traffic efficiency and road safety impacts associated with the proposed development.

- Identification of the volume and type of traffic movements into and out of the site.
- Details on the provision of all queuing and staging of vehicles on site.
- Details of travel demand management measures to minimise the impact on general traffic and bus operations, including details of a location-specific sustainable travel plan (Green Travel Plan and specific Workplace travel plan) and the provision of facilities to increase the non-car mode share for travel to and from the site.
- Details on the source of materials coming into the site (including any operational constraints).
- Details on the provision of driver facilities on site.
- The proposed walking and cycling access arrangements and connections to public transport services.
- Details of the proposed site vehicle access and parking provisions associated with the proposed development including compliance with the requirements of the relevant Australian Standards (i.e. turn paths, sight distance requirements, aisle widths, etc).
- Detailing vehicle circulation, proposed number of car parking spaces and compliance with the appropriate parking codes.
- Details of the light and heavy vehicle movements (including vehicle type and likely arrival and departure times), including service vehicle movements.
- The proposed access arrangements, including car and bus pick-up/drop-off facilities, and measures to mitigate any associated traffic impacts and impacts on public transport, pedestrian and bicycle networks, including pedestrian crossings and refuges and speed control devices and zones.
- Proposed bicycle parking provision, including end of trip facilities, in secure, convenient, accessible areas close to main entries incorporating lighting and passive surveillance.
- Proposed number of on-site car parking spaces for staff and visitors and corresponding compliance with existing parking codes and justification for the level of car parking provided on-site.
- An assessment of the cumulative on-street parking impacts of cars and bus pick-up/drop-off, staff parking and any other parking demands associated with the development.
- An assessment of road and pedestrian safety adjacent to the proposed development and the details of required road safety measures and personal safety in line with CPTED.
- Emergency vehicle access, service vehicle access, delivery and loading arrangements and estimated service vehicle movements (including vehicle type and the likely arrival and departure times).
- The preparation of a preliminary Construction Traffic and Pedestrian Management Plan to demonstrate the proposed management of the impact in relation to construction traffic addressing the following:
 - Assessment of cumulative impacts associated with other construction activities (if any).
 - An assessment of road safety at key intersection and locations subject to heavy vehicle construction traffic movements and high pedestrian activity.
 - Details of construction program detailing the anticipated construction duration and highlighting significant and milestone stages and events during the construction process.
 - Details of anticipated peak hour and daily construction vehicle movements to and from the site.

- Details of on-site car parking and access arrangements of construction vehicles, construction workers to and from the site, emergency vehicles and service vehicle.
- Details of temporary cycling and pedestrian access during construction.

Relevant Policies and Guidelines:

- Guide to Traffic Generating Developments (Roads and Maritime Services, 2002)
- EIS Guidelines - Road and Related Facilities (DoPI)
- Cycling Aspects of Austroads Guides
- NSW Planning Guidelines for Walking and Cycling
- Austroads Guide to Traffic Management Part 12: Traffic Impacts of Development
- Standards Australia AS2890.3 (Bicycle Parking Facilities).

If you have any further inquiries in relation to this development application please contact Narelle Gonzales, Development Assessment Officer, on 0409 541 879 or by email at: development.sydney@rms.nsw.gov.au.

Yours sincerely,



Brendan Pegg
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Planning and Programs, Greater Sydney