



4 October 2016

CR2016/003910
SF2014/070280
DC

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

Attention: Kate Masters

HUNTER EXPRESSWAY (M15): PROPOSED DEMOLITION AND REMEDIATION OF THE FORMER HYDRO ALUMINIUM SMELTER, KURRI KURRI (SSD 6666)

Reference is made to Department of Planning and Environment's email dated 8 August 2016, regarding the exhibition of the abovementioned application which was referred to Roads and Maritime Services (Roads and Maritime) for comment. I apologise for the delay in our response.

Roads and Maritime understands the development to be for the remediation of the former Hydro Aluminium smelter including demolition, remediation and construction works. The key components of the development include:

- The demolition of smelter buildings and structures;
- The remediation of contaminated soils, including materials within the capped waste stockpile and contaminated soils around and below smelter structures;
- The design construction and operation of a waste containment cell that would encapsulate contaminated materials from the demolition and remediation activities.

Roads and Maritime Response

Roads and Maritime has reviewed the information provided, including the Traffic Impact Assessment prepared by Hyder dated July 2016, and notes the following:

- The site has access to Hart Road (Local Road) which is approximately 700m from the Loxford Interchange which provides access onto the Hunter Expressway. The Loxford Interchange is a half interchange with east-facing ramps. Vehicles wishing to travel in a westerly direction will need to travel east towards the full interchange at Kurri Kurri.
- Construction traffic volume is based on the proposed construction schedule and estimated volume of material to be moved during the six phases of works, including:
 - Project site establishment
 - Containment cell construction
 - Stage 2 demolition
 - Demolition material management
 - Containment remediation
 - Leachate and groundwater treatment
- The works component of the project outlined above would take approximately three years to complete and work hours are anticipated between 7am – 6pm Monday to Friday and 7am -1pm on Saturdays.
- Car movements will be between 24 and 75 car trips per day depending on the work phase.
- Truck movements will be between 5 and 54 truck trips per day depending on the work phase.
- The peak vehicle movements are expected during demolition activities with approximately 75 car trips and 54 truck trips per day.
- The TIA states that the construction activities associated with the Project would have minimal impacts on the road network including the operation of traffic at Loxford Interchange at Hart Road and the Kurri Kurri interchange on Main Road in both the AM and PM peak periods. Furthermore it concluded that the Project traffic would not adversely impact on the operation of the Hunter Expressway.

Roads and Maritime has no objections to the subject development provided the following requirements are included in the Minister's conditions of project approval:

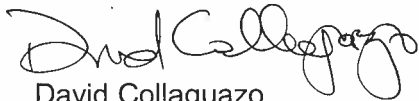
- A Construction Traffic Management Plan (CTMP) shall be prepared and include a Vehicle Movement Plan and Traffic Control Plan which details the management of light and heavy vehicle movements associated with the project during demolition. The CTMP shall specifically address the movement of oversize loads to and from the site, the management of construction traffic, any restrictions to the hours of heavy vehicle movements to avoid road use conflicts and the transport of construction waste materials. The CTMP shall be submitted to Roads and Maritime and Council for acceptance prior to commencement of any works.

- Roads and Maritime reserves the right to review the CTMP at any stage and make changes in the interests of maintaining road safety and network efficiency on the classified road network.
- All works associated with the subject project shall be at full cost to the developer and at no cost to Roads and Maritime or Council, to Roads and Maritime requirements.

On the Minister's determination of this matter, please forward a copy of the project approval to Roads and Maritime for record and / or action purposes.

Should you require further advice please contact Hunter Land Use on (02) 4924 0688 or at development.hunter@rms.nsw.gov.au.

Yours sincerely

A handwritten signature in black ink, appearing to read 'David Collaguazo', written over a horizontal line.

David Collaguazo
A/Manager Land Use Assessment
Hunter Region