



4 October 2016

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Planning Services – Resource Assessment & Compliance
Department of Planning & Environment
GPO Box 39
SYDNEY NSW 2001

Attention: Jessie Evans,

M1 MOTORWAY (M1): WALLARAH 2 COAL PROJECT – AMENDED DEVELOPMENT APPLICATION (SSD 4974) NOTICE OF EXHIBITION

Reference is made to Department of Planning & Environment's email dated 20 July 2016, regarding 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 application involves modifications to the existing approval for the Wallarah 2 Coal Project including a new connection to rail infrastructure through a rail spur and conveyor system and construction of a sewer connection. No change is proposed to the road network however the proposed rail spur and conveyor system are to run east, parallel to the Motorway Link Road to the Main Northern Rail Line and the sewer connection is to be constructed underneath the Motorway Link Road following the rail line to the south. It is unclear from the plans provided whether the new conveyor infrastructure is to be provided within the road reserve.

Roads and Maritime response

Roads and Maritime has reviewed the information provided and raises no objection to the proposed development however, the following advice, consistent with previous advice by Roads and Maritime dated 25 September 2013, is provided for consideration by the consent authority:

- Roads and Maritime has no proposal that requires any part of the property
- The property has common boundaries with the Pacific Motorway M1 (former F3 Freeway), which is declared Freeway, and Doyalson Motorway Link (MR675), which is declared Controlled Access Road. Direct access across these common boundaries is restricted.

Roads and Maritime Services

- The applicant shall undertake a risk assessment consistent with the requirements of the *RMS Draft "Technical Guide to Mine Risk Assessment IAM-AM-TP1-160-G01 - Version 1 draft with cover page February 2015"* for works within the road corridor.
- As previously advised by the Roads and Maritime M1 Pacific Motorway Replacement and Widening: Tuggerah to Doyalson Project team, bridges in the vicinity of the proposed "*drift tunnel*" have been designed to cater for lateral ground strains of $\pm 2\text{mm/m}$ due to adjacent mining activities. The Wallarah 2 Coal Project have previously committed to zero ground settlement from the proposed drift tunnel and, accordingly the bridges have been designed to allow for 0mm vertical, 0mm horizontal and 0 rads rotational displacements.

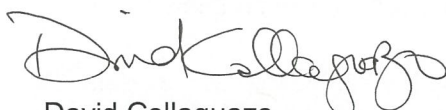
The applicant shall undertake background vibration monitoring and ensure that vibration at the bridge supports for the existing Doyalson Link Rd M1 overbridge resulting from the excavation and reinstatement of the proposed drift tunnel shall not exceed that expected under normal operational service.

- The applicant shall design and construct the proposed drift tunnel so as to avoid direct or consequential interaction with existing bridge piles or any effect on the bridge structures. Regarding piles for the Doyalson Link Rd M1 overbridges, Roads and Maritime advises:
 - Piles for the existing Doyalson Link Rd M1 overbridge are believed to be founded at approximately R.L 28.00m or below with some uncertainty.
 - Piles for the proposed Doyalson Link Rd M1 overbridge duplication are designed to be founded at approximately RL 20.70m $\pm 5\text{m}$.
- Prior to the issue any construction certificate the applicant shall consult with Roads and Maritime Asset Network Management to arrange and enter into a deed with regards to any works within the classified road corridor.

Comment: The deed should stipulate terms and conditions in relation to the construction, operations/maintenance and disposal of all works within the classified road corridor.

On the Department's determination of this matter, please forward a copy of the Notice of Determination to Roads and Maritime for record and / or action purposes. Should you require further information please contact Hunter Land Use on 4924 0688 or by email at development.hunter@rms.nsw.gov.au.

Yours sincerely



David Collaguazo
A/ Manager Land Use Assessment
Hunter Region