

Ms Sarah Connelly
Program Environmental Manager
Inland Rail
Australian Rail Track Corporation
Level 16, 180 Ann Street
Brisbane QLD 4000

11/06/2021

Attn: Andrew Skele

Dear Ms Connelly

Inland Rail - North Star to NSW/Queensland Border (SSI-9371)
Request for additional information

The Department notes that the exhibition of the Environmental Impact Statement (EIS) for the above project ended on 6 October 2020 and that the Preferred Infrastructure Report (PIR) was submitted on 8 June 2021. The PIR includes revised modelling to address concerns about flooding and hydrology modelling completed in the EIS. The Department has reviewed the Preferred Infrastructure Report and Response to Submissions and has sought expert flooding and hydrology advice.

Based on this review and expert advice, the Department requires further modelling and assessment of velocity through culverts to understand likely impacts from erosion and scour on adjoining properties and the potential for mitigation, including:

- a) modelling of velocities through culverts by using a finer scale grid model such as a conventional TUFLOW grid not larger than 2m or the Quadtree enhancement with a sufficient number of subdivisions;
- b) identifying areas of non-compliance with the N2NS scour/erosion potential QDL;
- c) proposed mitigation measures to meet the QDLs at the boundary of the project; and
- d) identifying residual impacts that would require erosion protection measures on adjoining properties.

The Department also reminds ARTC that the Department's assessment timeframes do not include the seeking of further information, re-exhibition (if required) and condition negotiation. It is the proponent's responsibility to accommodate these actions in its own timeframes and to ensure that requested documentation is provided in a timely manner and is of a standard to allow the Department to complete its assessment.

Should you have any inquiries regarding these matters, please contact Alexander Scott on (02) 8217 2096.

Yours sincerely,

A handwritten signature in blue ink, appearing to read 'Glenn Snow', with a stylized, flowing script.

Glenn Snow
Director
Transport Assessments