

MCW Environmental Consulting Pty Ltd

11 September 2025

Attention: Hannah Barker

Senior Environment & Sustainability Officer
Environment and Sustainability
Safety, Environment and Regulation

Transport for NSW
231 Elizabeth Street
Sydney NSW 2000
Email address: Hannah.Barker@transport.nsw.gov.au

Dear Hannah

Subject: Environmental Representative (ER) Endorsement: Sydney Terminal Building Revitalisation Project Stage 1: Construction Noise and Vibration Monitoring Program Sub-Plan Stage 1 (CNVMon Program Rev 2) (SSI 45421960)

I refer to Transport for NSW's (TfNSW) submission of the following CEMP Sub-Plan required by Condition C9 of the Infrastructure Approval for the Sydney Terminal Building Revitalisation project (SSI 45421960) which was approved by the Department of Planning, Housing and Industry (DPHI) on 17 November 2023:

- Sydney Terminal Building Revitalisation Project Stage 1: Construction Noise and Vibration Monitoring Program (CNVMon Program Rev 2 dated 8 September 2025)

It is noted that:

- Conditions C9 and C10 require that the CNVMon Program be prepared and submitted to the ER for endorsement prior to commencement of Construction (as defined in the Conditions).
- Rev 0 of the CNVMon Program was endorsed by the ER on 29 July 2025.
- Rev 1 of the CNVMon Program included modified criteria for vibration at the retaining wall adjacent the ramp at Eddy Avenue that was being removed.
 - Consultants to Gartner Rose (VMS) conducted a review of the methodology for concrete removal and prepared a document (*Request to Increase Existing Vibration Criterion Sydney Terminal Building Revitalisation Project - Stage 1 Eddy Avenue Plaza Retaining Wall Adjoining Rail Corridor*) suggesting vibration limits be lifted for the works. Further, Gartner Rose has implemented an alternate approach to remove the majority of the concrete that results in significantly less vibration impact.
 - TfNSW conducted a review of the VMS document and their suggested approach and recommendation was to update the criteria as detailed in a memo dated 20 August 2025 (*Recommendation to Vary Vibration Monitoring Criterion- Sydney Terminal Building Revitalisation Project*)
 - Gartner Rose updated the CNVMon Program to reflect the above.
- Rev 2 of the CNVMon Program includes further updates to the process of demolition and removal of the Eddy Ave ramp and concrete placed alongside the retaining wall supporting the train network to reduce vibration after exceedances of the vibration criteria were measured. The revised CNVMon Program includes a change in the Level 2 vibration criteria (from 25mm/s to 40mm/s) at the above-mentioned retaining wall as suggested and supported by VMS and TfNSW.

As the approved Environmental Representative for the Sydney Terminal Building Revitalisation project (Stage 1); and as required by Conditions A29j of the Infrastructure Approval, I have reviewed the document. As I am not a specialist in vibration and potential impacts of vibration on heritage structures, I have relied on the advice provided in the documents referenced above by VMS and TfNSW in my review.

Based on the advice, communications and recommendations made by VMS, Gartner Rose and TfNSW, the Sydney Terminal Building Revitalisation Project Stage 1: Construction Noise and Vibration Monitoring Program (CNVMon Program Rev 2 dated 8 September 2025) is approved.

Yours sincerely,

Michael Woolley

Michael Woolley
Environment Representative for the
Sydney Terminal Building Revitalisation
Project