

Noise Monitoring Data-Monthly Summary

Month and Year:	Feb-22					
Project:	Central Station Main Works					
EPL Licence Number:	21148					
EPL Web link:	https://centralstationmetro.com/documents/					
Specific EPL Monitoring Condition:	M7.1- Noise Monitoring					
Monitoring Location:	Number of Monitoring Events during the Month	Attended/Continuous Monitoring	Event Based Monitoring? (Y/N)	Measured Parameter: LAeq15mins (dB)	Predicted Parameter: LAeq15mins (dB)	Comment
Chalmers St	1 Day	Attended	Yes	Peak LAeq15min was 73dBA at the façade of the Eastern Entrance building	20-28 Chalmers St (Eastern Entrance) works predicted to be 70dB in Daytime OOH	Day OOH Works predominantly consisted of removing some site facilities using a mobile crane within the Eastern Entrance. Internal noise level during high noise impact works was estimated 43dB.
YHA	3 Nights	Continuous	Yes	Night: Peak LAeq15min was 101dBA during breaking activities at Platform1	Maximum OOHW Prediction = 68dB for the YHA	Night OOH Works predominantly consisted of excavating platform surface and retiling the northern and middle end of Platform 1. Due to noise logger being situated in a short distance to the source (<10m), the observed LAeq15min is deemed over-estimated, therefore the cumulative impact was not as great as anticipated at the closest sensitive receiver (YHA>70m). Carriages likely to incur unreasonably high impacts were booked for the duration of night time OOH periods in consultation with YHA management.
Regent St	1 evening	Continuous	Yes	Max OOH = 72dB (extraneous noise)	65dB	Vehicle movements on SYAB and typical railway operations. Peak LAeq15min <68dB - attributed to rail operations simultaneously -with trucks, hi rail on track.

Attended: Operator attended measure at either the façade of sensitive receiver, internal dwelling of a sensitive receiver or at a location of interest, typically in anticipation of an event.

Continuous: Real time noise data recorded in 15min intervals, 24/7 and represents the noise levels at the facade of sensitive receivers.

Event: A LAeq15min period of either attended monitoring or a period of interest reviewed from the continuous data. The period is typically selected to monitor works as the works occur, or to validate predictions of planned works, or in response to a complaint, or due to an unexplained elevated LAeq15min period in the continuous data noise trace.