

Noise Monitoring Data-Monthly Summary						
Month and Year:	Aug-20					
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	27	Continuous	Yes	Max OOHW Noise recorded was 82dB calculated at the façade of the building.	70 - 75 dB predicted for high noise impact activities during OOH in WE08 Possession at nearest sensitive receiver (between 35 and 85m). Typically work throughout the month of August predicted to be between 60 - 65dB depending on location and scope of works.	One exceedance of predicted noise level identified at 06:45 on 22/08/20. No complaints received as a result of the exceedance. Best achievable noise performance objectives met as identified in the CNVIS. All required additional mitigation measures were in place. An investigation into construction methodology was undertaken to reduce risk of exceedances for future works.
Railway Institute Driveway	18	Attended	Yes	Max during sheet piling works was 81dB at 10am	Attended monitoring conducted during standard construction hours during sheet piling and rock breaking in Railway Institute Drive.	Short and intermittent noise occurring on Institute Drive. High noise impact was between 1-4 minutes. All feasible and reasonable at source noise controls was in place. All required additional mitigation measures were in place.

YHA	5	Continuous	Yes	Max = 72dB (not attributed to CSM works)	65dB as per the OOHW for August	There were two weekend possessions as well as other OOHW within the Northern Concourse, however peaks in noise were attributed to non CSM works. The Northern Concourse is >175m from this sensitive receiver.
Regent St	2	Continuous	Yes	Max = 61dB	66dB as per the OOHW for August	Truck movements on SYAB. Peak of 61dB.

Definitions:

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.