

Noise Monitoring Data-Monthly Summary						
Month and Year:	Sep-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	10	Continuous	Yes	Max OOHW Noise recorded was 67dB calculated at the façade of the building.	Predicted Parameter = 75 dB for high noise impact activities during OOHW on the suburban platforms for Possession work WE11 (12/13 September 2020) Predicted parameter =70dB for general works throughout the month.	Predictions validated. All at source noise mitigation and required additional mitigation measures were in place throughout the month of September. Best achievable noise performance objectives met as identified in the CNVIS.
Chalmers St	25	Attended	Yes	Max OOHW Noise recorded = 75dB	Predicted Parameter = 75dB. In addition to continuous real time monitoring, attended monitoring was conducted during the WE11 Possession works which involved platform releveling works on P22/23 (35m from sensitive receivers on Chalmers St).	Predictions validated. Noise mitigation was used at source during WE11 Possession. Additional mitigation measures were in place throughout the month of September. Best achievable noise performance objectives met as identified in the CNVIS.

YHA	4	Continuous	Yes	Maximum OOHW Noise Recorded = 82dB	Maximum OOHW Prediction = 60dB for the YHA for works in the Northern Concourse.	Noise recordings indicated that the noise levels measured were attributed to the noise generated by trains stabled within the Intercity Platforms, as well as the general public - who on multiple occasions could be heard talking near the microphone. CSM max contribution (in the absence of train operations) was 66dB.
Regent St	2	Continuous	Yes	Max = 60dB	66dB as per the OOHW for September	Truck movements on SYAB. Peak of 61dB.

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.