

Noise Monitoring Data-Monthly Summary						
Month and Year:	Oct-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 night OOHW Noise recorded was 66dB calculated at the façade of the building. Max day noise recorded was 82.5dB	Predicted Parameter = 73 dB for night OOHW on the suburban platforms throughout the month. Predicted parameter =81dB for general day works associated with Excavation at the Eastern Entrance throughout the month.	Night time OOH predictions validated. All at source noise mitigation and required additional mitigation measures were in place throughout the month of October. The data indicates that the breaking activity commenced at 11:30 and ceased at 13:00. Day time noise at Eastern Entrance- The noise level during the time of breaking exceeded the threshold for 'high noise affected' from time to time throughout the month. For this activity the timing of the works was selected to occur in less sensitive periods, during standard construction hours within the allowable period for high noise impact, and respite periods observed. The plant is new, well maintained and serviced regularly. Best achievable noise performance objectives met as identified in the CNVIS.
Chalmers St	25	Attended	Yes	WE15 Possession: Max OOHW Noise recorded = 72dB	Predicted Parameter = 75dB. In addition to continuous real time monitoring, attended monitoring was conducted during the WE15 Possession works which involved platform releveling works on P20/21 (50m from sensitive receivers on Chalmers St).	Predictions validated. Noise mitigation was used at source during WE15 Possession. Additional mitigation measures were in place throughout the month of October. Best achievable noise performance objectives met as identified in the CNVIS.
YHA	2	Continuous	Yes	Maximum OOHW Noise Recorded = 55dB	Maximum OOHW Prediction = 60dB for the YHA	Noise recordings indicated that the noise levels measured were attributed to the noise generated by trains stabled within the Intercity Platforms.
Regent St	4	Continuous	Yes	Max = 60dB	66dB	Truck movements on SYAB. Peak of 61dB.
<p>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.</p> <p>Continuous: Real time noise data recorded in 15min intervals, 24/7 and represents the noise levels at the facade of sensitive receivers.</p> <p>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.</p>						