

Noise Monitoring Data-Monthly Summary						
Month and Year:	Jul-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	18	Continuous	Yes	Internal = <60 dBA for daytime works for airborne noise. No ground borne noise during the day. Max OOHW Noise recorded was 73dBA at the façade of the building.	72 - 75 dB for Possession and Sewer works as per the OOHW prediction. 73dB accounts for general works within the suburban platforms.	Day works predominantly consisted of excavation and canopy tube drilling within the Eastern Entrance. Internal noise levels were checked during high noise impact works and were found to be compliant with the project requirements (CoA E38 for day time works). All required additional mitigation measures were in place.
Chalmers St	8	Attended	Yes	WE03 Possession = 66 - 73dB at the façade. Sewer relocation = 66dB at the façade.	72 dB for Suburban line works as per OOHW Permit. 75dB for sewer works as per OOHW Permit	There was one weekend possession within the suburban lines and three possessions in the Northern Concourse. Given the distance of the Northern Concourse, works were inaudible at the sensitive receivers. All required additional mitigation measures were in place.
YHA	2	Continuous	Yes	Max = 66.3	76dB as per the OOHW for July	There were three weekend possessions as well as other OOHW within the Northern Concourse, however peaks in noise were attributed to non CSM works. This can be confirmed due to the distance of the Northern Concourse from the sensitive receivers (i.e >175m)
YHA	1	Attended	Yes	Max = 54.3 dB	76dBA as per the OOHW for July	
Regent St	2	Continuous	Yes	Max = 66.3dB	66dB as per the OOHW for July	Truck movements on SYAB. Peak of 70.8dBA attributed to non-CSM related noise source as it was not associated with a truck movement upon data review.

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.