

Noise Monitoring Data-Monthly Summary						
Month and Year:	May-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	20	Attended	Yes	Internal <60dB for day time works (80dB at the façade including 5dB penalty for high noise works) & 65dB for OOH works.	Internal >60dB for day time works & 72dB at the façade for OOH works	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). Monitoring occurred to validate the OOH work predictions for the WE46 possession. Monitoring has determined that the noise levels were ~10dB below predictions as the cumulative impact was not as great as anticipated. All required additional mitigation measures were in place.
Chalmers St	6	Continuous	Yes	85dB (including 5dB penalty for high noise works) during the day & 71dB for possession related works.	Day time works prediction was 82dB & 62dB for standard nights and 72dB for possessions	Day time works exceeded prediction on one occasion during capping beam break out works. The real time noise logger is closer to the works than the closest sensitive receiver and has a direct line of sight. Therefore the reading is considered conservative.
YHA	2	Attended	Yes	57.1dB	66dB for OOH	On both monitoring events, the LAeq15min was below the predictions to the nearest façade of the YHA.
YHA	1	Continuous	Yes	76.6dB	66dB for OOH	No CSM works audible. LAeq15min influenced by Sydney Train operations.
Regent	3	Continuous	Yes	61dB	61dB for OOH	Predictions validated through monitoring during truck movements on SYAB.
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.					