

Noise Monitoring Data-Monthly Summary

Month and Year:	Sep-22
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	3 day 6 night	Continuous	Yes	Night: Max LAeq15min associated with CSMW was 66dB throughout the monitoring events.	Noise from the suburban platform works was predicted not exceeding 75dB during night and evening OOHW.	Night OOH Noise data was reviewed to validate the predictions for the releveling, tiling and associated activities on suburban platforms. The noise levels were within the CNVIS predictions for the entire night (Peak LAeq15min recorded <70dB). Where required, respite offers were made to affected receivers based on the level of predicted impact. The noise levels were within the CNVIS predictions for the entirety of the month, and did not exceed at the real time noise logger (conservatively representative of the facade of the sensitive receivers).
Randle Lane	3 day 6 night	Continuous	Yes	Night: Max LAeq15min associated with CSMW was 64dB throughout the monitoring events.	Noise from the suburban platform works was predicted not exceeding 75dB during night and evening OOHW.	All at source noise mitigation and required additional mitigation measures were in place throughout the month of September, where practical. Day Noise data was reviewed to validate the predictions for general site works at the Eastern Entrance and site wide. The noise levels were within the CNVIS predictions for the entirety of the month, All feasible and reasonable noise mitigation measures were in place, without the potential for increasing the duration over several days.

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.