

Noise Monitoring Data-Monthly Summary

Month and Year:	Jun-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	28	Continuous	Yes	<p>Internal = <60 dBA for daytime works for airborne noise. No ground borne noise during the day.</p> <p>Max OOHW recorded was 70.1dBA (un-associated with CSM) 68.5dBA for OOHW</p>	<p>60 - 75 dBA as per the OOHW prediction. 75dBA accounts for preparatory works that occur outside hoarding and closer to the sensitive receivers (ie on Platform 23).</p>	<p>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).</p> <p>There were no weekend possession works within the suburban lines, although there were possessions in the Northern Concourse. Given the distance of the Northern Concourse, works were inaudible at the sensitive receivers.</p> <p>All required additional mitigation measures were in place.</p> <p>OOHW consisted of wall sawing on Platform 16/17.</p>

YHA	4	Continuous	Yes	Max 68	60 dBA as per the OOHW for June.	CSM works occurring in 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)
Regent	3	Continuous	Yes	Max 70.8	74 dBA as per the CNVIS predictions.	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.
<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>						