

Vibration Monitoring Data-Monthly Summary						
Month and Year:		Jan-20				
Project:		Central Station Main Works				
EPL Licence Number:		21148				
EPL Weblink:		https://centralstationmetro.com/documents/				
Specific EPL Monitoring Condition:		M7.2- Vibration Monitoring				
Monitoring Location:	Number of Monitoring Events during the Month	Attended/Continuous Monitoring	Event Based Monitoring? (Y/N)	Measured Parameter: Peak particle Velocity (PPV) (mm/s)	Predicted Parameter: Peak Particle Velocity (PPV) (mm/s)	Comment
TCAC	1	Continuous	N	<8mm/s	<7.5mm/s	January 2020 data indicate only a few points that may have been attributed to construction works. Construction activities generally had a low potential to generate vibration throughout January. The data points above 25mm/s were checked at the time and appeared to be isolated, one off extraneous events (such are considered localised bumps or footfall).
Chalmers St	1	Continuous	Y	<12mm/s	<7.5mm/s	The works at the Eastern Entrance throughout January 2020 consisted of piling, piling pad reconfiguration, and stabilised sand breakout. Ground borne noise and levels above the maximum human comfort vibration level were recorded to occur for 02:33 hours on the 6th of January, and as such were complaint with project conditions of approval.

Noise Monitoring Data-Monthly Summary						
Month and Year:		Jan-20				
Project:		Central Station Main Works				
EPL Licence Number:		21148				
EPL Weblink:		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	22	Continuous	Yes	Max 68	74	LOR works include hoarding installation on platform 20/21 and hydrant excavation, saw cutting and hammering. Works barely audible.
Chalmers St	4	Attended	Yes	Max 71	<60dB for <6.5hr (50% of the time)	Monitoring conducted inside Haven Specialty Coffee Café during breaking out of stabilised sand and reconfiguring piling pad at Eastern Entrance.
YHA	16	Continuous	Yes	Max 65	60	CSM works occurring in the Northern Concourse and Suburban Platforms from time to time, however only train idling audible.
54 Regent St	7	Continuous	Yes	Max 49	58	Truck movements on SYAB.