

Month and Year:	Dec-19					
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	Y-some construction works anticipated to elevate vibration levels	<16mm/s	<7.5mm/s	December 2019 indicates only a few point that may have been attributed to construction works. Construction activities throughout December included concrete breakout, and excavation. The data points above 25mm/s were checked at the time and appeared to be isolated, one off events, as such are considered localised bumps.
Chalmers St	1	Continuous	Y	<4mm/s	<3mm/s	The data between the 20 December 2019 and 3 January 2020 in the absence of construction is representative of background vibration. Background vibration still occurs above 0.56mm/s, however less frequently than in the presence of construction activity. No data point fall above 8mm/s. The greatest amount of construction occurred on the 19 December 2019 and was associated with demobilisation and shut down procedures prior to the Christmas break.