

Vibration Monitoring Data-Monthly Summary						
Month and Year:	Apr-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	Y-some construction works anticipated to elevate vibration levels	<2mm/s	<7.5mm/s	Low vibration works throughout the month.
Chalmers St	1	Continuous	Y	<25mm/s	<25mm/s	<p>Eastern Entrance During the month of April 2020, pile breakout, earth works and stabilised sand breakout was the dominant site activity that may be noticeable to the surrounding community on Chalmers St from time to time.</p> <p>During these works, vibration levels would increase above 0.56mm/s, however for less than 6.5 hours per day on any given day as required by the MCoA. Agreed respite periods were observed.</p> <p>6 measured occurrences of vibration levels above 25mm/s screening criteria occurred. This was due to pile detailing on a shared slab with the transducer.</p>