

Vibration Monitoring Data-Monthly Summary						
Month and Year:	Jun-19					
Project:	Central Station Main Works					
EPL Licence Number:	21148					
EPL Weblink:	<a href="https://centralstationmetro.com/documents/">https://centralstationmetro.com/documents/</a>					
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	Yes- anticipated elevated vibration levels due to construction work.	4 peaks above 43, max 48.7 on 2019-06-26, from 12:46 to 12:51 & 3 peaks, Max 48.7, 2019-06-25 from 20:30 to 20:31 and 20:39	<25mm/s	Encountered mass fill concrete behind pedestrian bridge, believed to be part of train stop design. Breaking out behind pedestrian bridge restricted to between 9:30am and 2:30pm. 14t Excavator with 1.5t breaker. 4 peaks within 5mins. Works were temporarily stopped, and adjust to reduce vibration using same kit. Compliant.