

Vibration Monitoring Data-Monthly Summary						
Month and Year:	May-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	Yes- anticipated elevated vibration levels due to construction work.	Max 48.7 (10 peaks above 45) on 2019-05-16 from 16:13 to 16:25. Works were stopped and methodology reassessed.	<25mm/s	14t exc with 1.5t hammer breaking through slab under bridge structure for 12 minutes before works were stopped due to high vibration. No structural or cosmetic damage. Compliant.