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|---|---|---------------------------------------|---|--|---|--|
| <b>Month and Year:</b>                    | Oct-19  |                                       |   |  |   |  |
| <b>Project:</b>                           | Central Station Main Works  |                                       |   |  |   |  |
| <b>EPL Licence Number:</b>                | 21148   |                                       |   |  |   |  |
| <b>EPL Weblink:</b>                       | <a href="https://centralstationmetro.com/documents/">https://centralstationmetro.com/documents/</a> |                                       |   |  |   |  |
| <b>Specific EPL Monitoring Condition:</b> | M7.2- Vibration Monitoring  |                                       |   |  |   |  |
| <b>Monitoring Location:</b>               | <b>Number of Monitoring Events during the Month</b>   | <b>Attended/Continuous Monitoring</b> | <b>Event Based Monitoring? (Y/N)</b>                              | <b>Measured Parameter: Peak Particle Velocity (PPV) (mm/s)</b> | <b>Predicted Parameter: Peak Particle Velocity (PPV) (mm/s)</b> | <b>Comment</b>   |
| TCAC                                      | 1   | Continuous                            | Y-some construction works anticipated to elevate vibration levels | <8mm/s   | <7.5mm/s  | October 2019 indicates only a few point that may have been attributed to construction works. Construction activities throughout October included, Temp Bridge 3 install and fitout, earthworks and demo. The data points above 16mm/s appear to be isolated or one off events.   |
| Chalmers St                               | 1   | Continuous                            | Y-logger depolyed to capture potential vibration impact.          | <16mm/s  | <3mm/s  | The vibration logger on Chalmers St was deployed 14/10/19. October 2019 indicates only a few point that may have been attributed to construction works. Construction activities throughout October included, site preparation for piling works. 6 data points above 16mm/s were reviewed at the time and determined to be localised bumps. The majority of data points were <1mm/s |