

Memorandum

To	Travis Searle	Date	1 December 2021
Copies	Samuel Grieve	Reference number	
From	Pranav Rawal	File reference	
Subject	Campbelltown Hospital Redevelopment: Summary of Recently Recorded Vibration Data		

This memo summarises the vibration data collected over the past week of 04/11/2021 to 06/11/2021 at the Medical Imaging Facility at Campbelltown Hospital.

Figure 1 below shows the measured vibration levels at the Medical Imaging Facility and is presented against various acceptability criteria. For reference, the current trigger level, based on typical equipment is $V_{RMS} = 0.0375$ mm/s.

Peak 1/3rd Octave Band RMS Velocity During the Week

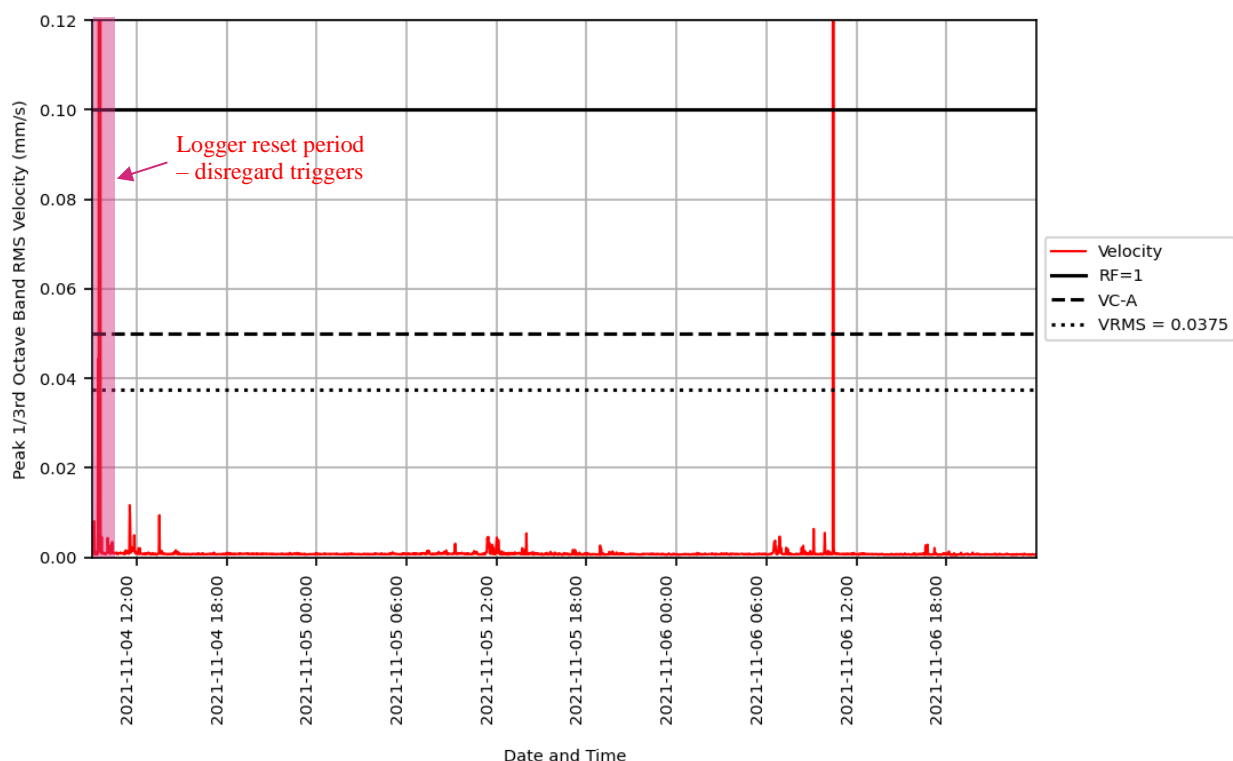


Figure 1: Measured vibration levels for 04/11/2021 to 06/11/2021 at the Medical Imaging Facility

All events that exceed the trigger level during the monitored period are reported below.

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Table 1: Table of events exceeding acceptability criteria

Date	Peak 1/3rd Octave Band V_{RMS} Vibration Level (mm/s)
04/11/2021 09:26 (disregard – during logger reset)	0.0443
04/11/2021 09:30 (disregard – during logger reset)	11.7874
04/11/2021 09:32 (disregard – during logger reset)	0.5310
04/11/2021 09:34 (disregard – during logger reset)	0.3075
06/11/2021 10:27	3.1496

Further investigations of vibration patterns at times of exceedances can be performed upon request.