

# Memorandum

---

To	Travis Searle	Date	20 September 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 12/09/2021 to 18/09/2021 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

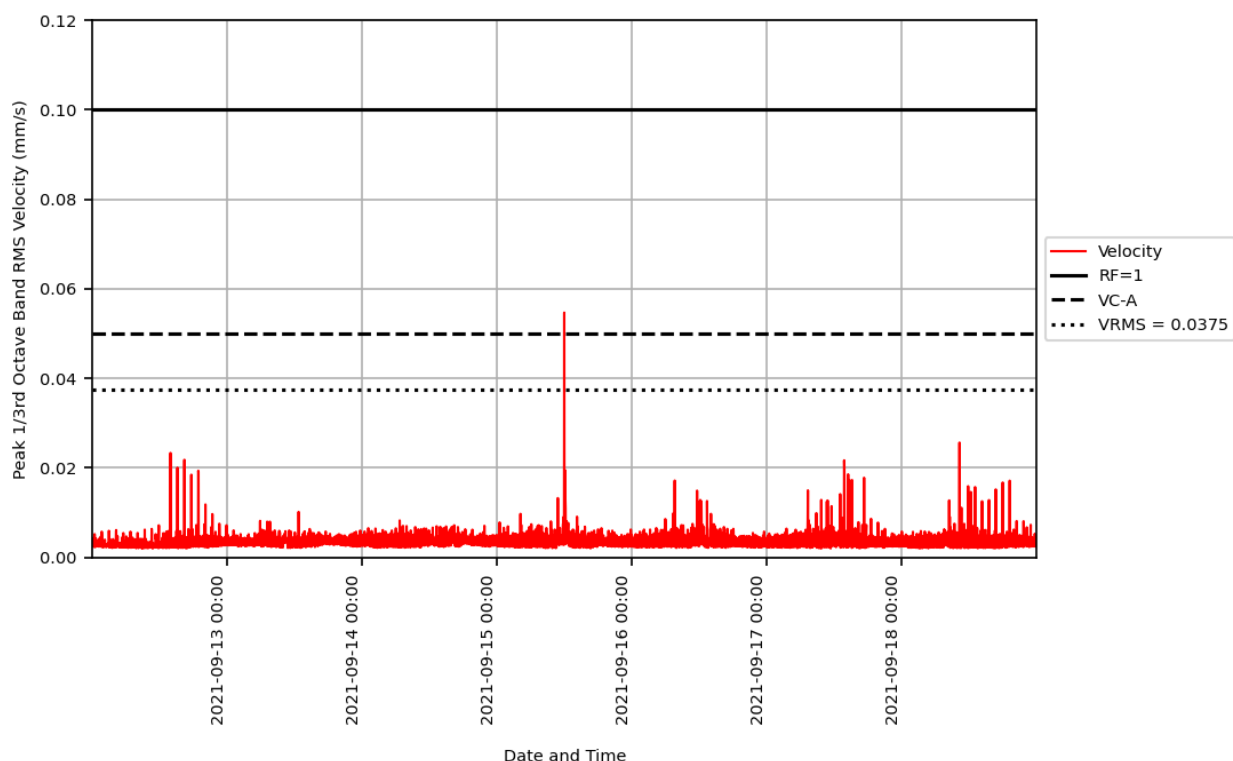


Figure 1: Measured vibration levels for 12/09/2021 to 18/09/2021 at the Medical Imaging Facility

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

# Memorandum

Table 1: Table of events exceeding acceptability criteria

Date	Peak 1/3rd Octave Band $V_{RMS}$ Vibration Level (mm/s)
15/09/2021 11:57	0.0547

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