

Memo

To: Aircraft Noise Community Consultative Group
From: Jeremy Lo
Date: 25 Aug 2023
Subject: NMT1 Prices Noise Monitor Relocation

Purpose

To update the Aircraft Noise Community Consultative Group on a required change, to the current location of the mandatory NMT1 Prices Noise Monitor.

Background

Under condition 5(d)(i) of Designation 1100 of the Auckland Unitary Plan Auckland International Airport Limited (the Airport) is required to monitor noise from aircraft operations at a minimum of three locations to ensure a Day/Night Level of 65 dB Ldn is not exceeded. These monitoring locations must be as near as practicable to the boundary of the High Aircraft Noise Area (HANA)

5d. In addition, AIAL shall:

(i). monitor noise from Aircraft Operations at a minimum of three locations associated with the Existing Runway which are as near as practicable to the boundary of the HANA to obtain an accurate reading so as to demonstrate compliance with a Day/Night Level of 65 dB Ldn anywhere outside the HANA.

Appendix A shows the current location of these three noise monitors namely:

- (1) **NMT1 Prices** – Southern edge of the HANA
- (2) **NMT2 Velodrome** – Edge of the HANA boundary
- (3) **NMT3 Puhinui** – Northern edge of the HANA

The monitor that requires relocation is the NMT1 Prices.

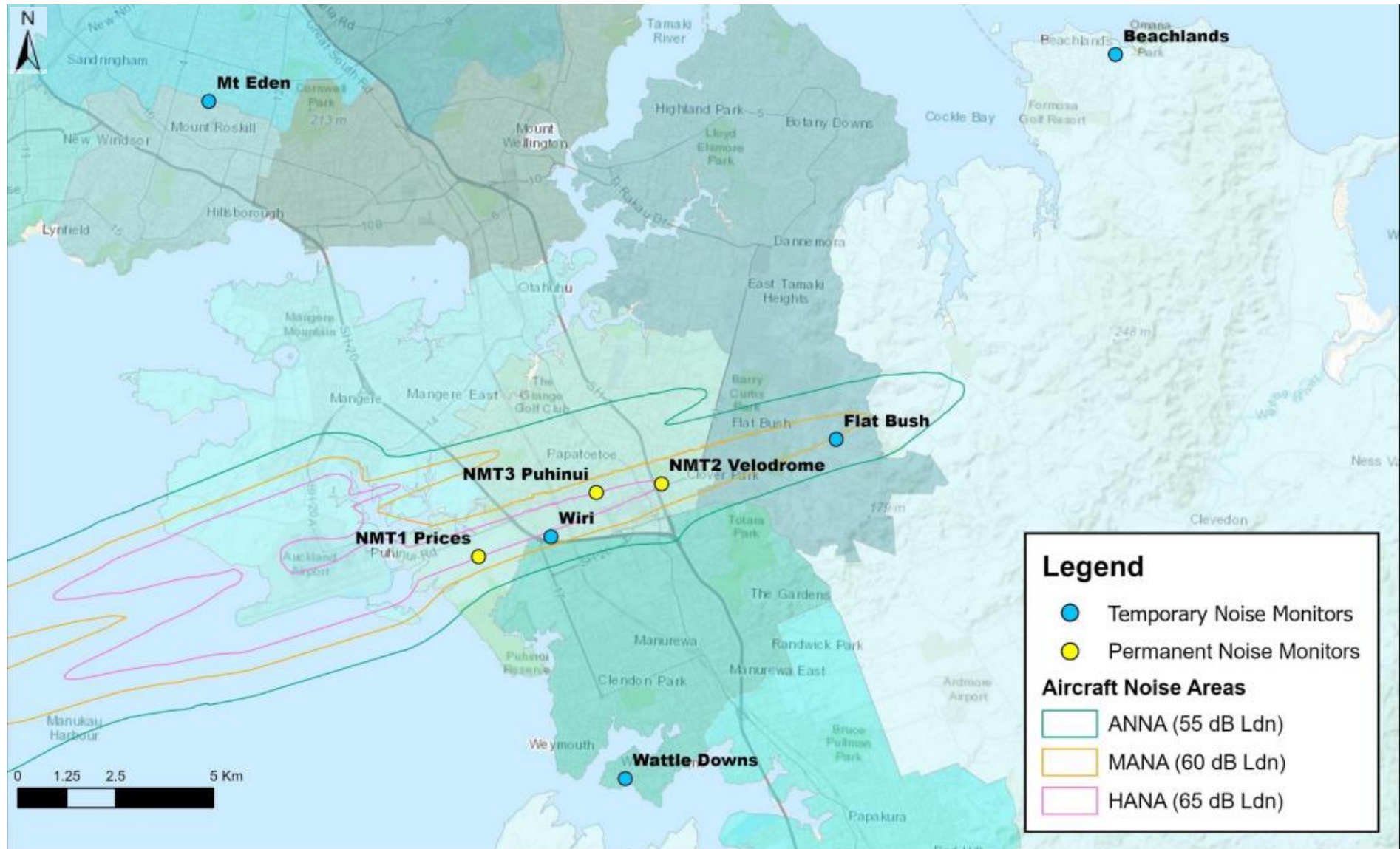
NMT1 Prices Noise Monitor Relocation

The Southern Gateway Development Project (the project) involves the development of an 150-ha major industrial subdivision which will require that Prices Road be upgraded to a full urban road. During construction the expected road works and increase in large vehicles will impact the viability of the noise monitor currently situated on Prices Road. It has also been deemed unsatisfactory to have a noise monitor returned to Prices Road after the completion of the project. This is because of a new footpath in the vicinity which will create a significant increase in other noise sources and overall safety of the monitor being in a public area with foot traffic.

Next Steps

The construction is planned to begin in October 2023 and completed over the following 4-6months. The Airport is working with Marshall Day Acoustics (MDA) on locating a suitable and compliant location to set up a noise monitor in an alternate location. The finalised location will be provided as an update in the December ANCCG.

Appendix A: Noise Monitor Locations



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