

WELLINGTON AIR NOISE MANAGEMENT COMMITTEE

MEETING NOTES MONDAY 27 JUNE 2022¹

Present:

- Lindsay Daysh – Convenor
- Craig Redpath – Life Flight Trust
- Eric Morgan – Air New Zealand (via Microsoft Teams)
- John Farron – Airways Corporation of NZ (via Microsoft Teams)
- Patrick Whelan – BARNZ (via Microsoft Teams)
- Matthew Borich – WCC (via Microsoft Teams)
- Robin Boldarin – Resident representative
- Jo Lester – WIAL Planning Manager
- Nanette Dempsey – WIAL Community Liaison Officer

Apologies:

- Lindsay Hannah – WCC (via Microsoft Teams)
- Helen Salisbury – Resident representative
- Bernard O’Shaughnessy – Resident representative

1 Welcome:

- 1.1 The meeting commenced at 5.32pm.
- 1.2 Helen Salisbury emailed Jo L her notes regarding items on the agenda which are referred to with respect to those items.
- 1.3 Jo L noted that Bernard O’Shaughnessy has sent in his resignation from the committee.

2 Minutes of the Last Meeting:

- 2.1 Helen S suggested amendments to wording in paragraph 9.4 of the previous minutes to note that there is already direct communication between the airport and the Kilbirnie Rongotai residents’ group.
- 2.2 Subject to the above, the minutes of the last meeting (March 2022) were accepted as a true and accurate record.
Moved: Robin Boldarin
Seconded: Patrick Whelan
- 2.3 *Action:* Jo L to publish amended minutes (as per 2.1 above) on WIAL’s Airport Noise webpage.

3 Actions from Last Meeting

Date Action generated	Action	By whom	Due
13/12/2021 14/03/2022	Jo to send out tracked version of terms of reference for ANMC with respect top resident representative elections.	ALL	Complete

¹ Note: Meeting postponed from 13 June due to Covid-19

14/03/2022	WIAL to add information regarding wildlife management to website	JL, JR	Complete – on WIAL website
14/03/2022	WIAL to add minutes of previous meeting onto website.	JL, JR	Complete
14/03/2022	Call for nominations for resident representatives.	JL, JR, LH and LD	Complete
15/06/2021	Update on Notices of Requirement at next meeting	JL	Refer to section 9.1 below
13/09/2021	Update on review of Air Noise Boundaries for District Plan review	JL	Refer to section 8 below.
14/03/2022	Review Engine Test Procedures for any engine tests undertaken between 8pm and 11pm between March 2022 and March 2023.	WIAL	March Meeting 2023

4 Noise Management Plan:

4.1 Noise Enquiries Summary

Received seventeen noise complaints/enquiries during period 1 March – 31 May 2022. The committee commented that this is more than is usual. Helen noted that she was wondering whether it was because the airport were doing a better job at promoting its complaint process. Jo L noted that it is likely to relate to the environment court appeals and mediation in relation to the proposed designations during this timeframe. To summarise:

- Two complaints related to the Strikemaster (ex-Military plane now privately owned). WIAL reached out to the owner who outlined some steps he could take to reduce effects on neighbours. Note this is a CAA certified aircraft which is allowed to use the airport.
- Two complaints related to aircraft flying over Hataitai/Roseneath. Both aircraft complied with CAA Noise Abatement Procedures.
- One complaint was with respect to an engine run test at 1:30pm. This engine test was 10 minutes in duration prior to departure and complied with all relevant rules.
- One complaint related to bird scaring sirens at 6am. Noted that there was an unusual amount of bird activity and WIAL is obliged to take all practicable actions to prevent bird strike under the CAA rules.
- One complaint related to increased flights over Maungarakei. After investigation found no changes to flightpath.
- Three complaints related to medical flights during curfew.
- One related to the airports air conditioning unit on roof of hotel or car park building. Note that there is no air conditioning unit on the roof of these buildings. Noise could be from general airport. The temporary noise monitor at Bunker Way did not pick up any non-compliance with the land based noise limits.
- One related to a loud pitch echo type noise that happens every night at 7:45 pm for about half an hour. Complainant is from the Seatoun tunnel end of Broadway. Does not appear to be airport related but currently an unresolved noise source.

- One related to loud jet engine noise from a particular aircraft from about 9pm until midnight. WIAL is still investigating this noise. It appears to have been related to an aircraft that had numerous issues. These related to its APU meaning that an Air Start Unit had to be used to replace this (in conjunction with a GPU). The aircraft cabin crew hours were also an issue alongside a recording of aircraft weight issue. Jo L noted that it is still unclear as to whether the noise generated from the Air Start unit alongside the use of the GPU complies with the relevant rules. Currently with WCC for assessment. Jo L still investigating further with Air New Zealand engineers.
- Three complaints related to construction noise. One of these related to the use of two-way radios. WIAL project managers reminded contractors to not use such radios during night works. The other two complaints related to some night essential asphalt replacement works which formed part of the seasonal works programme. Although the residents were notified of this maintenance programme in October, another letter drop was undertaken to inform them of this particular work noting that it would be complete at the end of the week. WIAL also undertook noise monitoring of this work and found that it complied with the construction noise management plan noise limits.
- Received one complaint that Webtrak is not usable in relation to working out noise received from APU noise or other land-based noise. Explained to complainant that Webtrak is not set up to monitor land-based noise including APUs and GPUs (it records

4.2 Summary of movements

Nothing to report.

4.3 Noise monitors

Nothing to report.

5 System Reports

5.1 Aircraft LDN Tables

Nothing to report.

5.2 Aircraft Operations Analysis

Nothing to report.

5.3 Uncorrelated Aircraft Analysis

Nothing to report.

5.4 Calibration Reports

Nothing to report.

6 Wellington Airport Noise Treatment (WANT) Update

6.1 Jo L updated the Committee on the Quieter Homes programme on behalf of the Project Manager (refer Appendix 1 to Minutes)

6.2 The overall rate of progress has remained steady whilst navigating through the delays and impacts caused by COVID-19. Quieter Homes has now completed 88 property upgrades overall with a further 34 acoustic designs in Area 3 currently underway.

7 Annual Noise Contour

- 7.1 Prior to the meeting Jo L sent through the Wellington Airport FY22 Annual Noise Contour (the actual aircraft noise level in 2022) based on the busiest 90 consecutive days of air traffic (between 14 April 2021 and 12 July 2021). This demonstrates compliance with the 65 dB Ldn limit at the Air Noise Boundary in the District Plan.
- 7.2 Aircraft operations and taxiing have been included in this Annual Noise Contour since FY19. In addition to taxiing, noise from turbo-props idling at gates prior to departure have also been included. This was not previously included as the extent of this activity was not previously understood. This became apparent with the noise modelling work WIAL was doing in relation to its Notices of Requirement. Advice was received from Air New Zealand about their typical procedures for turbo props and these were therefore incorporated into the model and verified by field measurements (WIAL had a temporary noise monitor at Bunker Way).
- 7.3 Jo noted that other than the bulge created by the idling turbo-props noted above, the 2022 contour was generally smaller than previous years due to the impact of COVID-19 and resulting reduced aircraft activity.

8 Air Noise Boundary Review

- 8.1 Prior to meeting Jo L sent through the proposed changes to the Air Noise Boundary which has been sent to WCC for inclusion in the proposed District Plan. This included both the contours and also the technical report prepared by Tonkin & Taylor Ltd regarding the modelling of the proposed air noise boundary (65 dB) and also a new proposed outer noise 60 dB boundary, and the peer review of the modelling/contours by Marshall Day.
- 8.2 Modelled a new 65 dB Ldn Contour which is a reduced area in comparison to the existing Air Noise Boundary in the Operative District Plan. Restrictions. No intensification. Quieter Homes.
- 8.3 New 60 dB Ldn also prepared. Jo noted that WIAL has given an undertaking that it will be offering mechanical ventilation to these properties when noise levels of 60 dB Ldn is received at properties.
- 8.4 Robin B asked what mechanical ventilation means. Jo L and Matt B explained that the ventilation works by bringing fresh air from outside to inside houses, allowing windows and doors to be closed to keep noise out. Being able to shut windows and doors can reduce noise by about 25 dB (so if a property is receiving for example 60 dB worth of noise, by shutting their windows, their internal noise within habitable rooms should decrease to about 35 dB).
- 8.5 A further question related to how many properties were affected by the new Air Noise Boundaries, specifically the new 60 dB outer boundary. Jo noted that she did not currently know but understood that WCC had undertaken a calculation of this. Jo L to request this information and forward onto the committee once received.

9 General business

- 9.1 *Notice of Requirements for Designation*

Jo L explained that she attended mediation in May with respect to the two Notices of Requirements for Designations and that WIAL managed to achieve a settlement on the court proceedings with its appellants (ICSTI and GOTB).

The settlement includes alterations to a few of the conditions on the proposed conditions including:

- Provide for a greater level of community consultation on the Airport's plans;
- Require the Council to certify more of the Airport's management plans;
- Require the Airport to make information about its noise available on its website, including details of when unscheduled engine testing has occurred;
- Establish a Community and Environment Fund, which is to be funded by the Airport for the benefit of the local community living near the Airport;
- Make the conditions easier for everyone to understand.

As part of the settlement there is also agreement that the airport will in future seek to alter its designation to provide for further noise mitigation as a continuation of its Quieter Homes programme once rules that provide for the new overlays are operative. In addition to this the airport will overhaul its Noise Management Plan and consult with the community on this.

A consent order has been issued by the Court confirming that the appeals are dismissed. WCC now just need to put these designations into the District Plan for them to become 'operative'. Jo L to send committee the consent order.

9.2 ANMC Resident Representatives Nominations 2022

On 1 June 2022 WCC notified in the Dom Post and via letter to resident groups in vicinity of the airport that nominations were open for the Resident reps on the ANMC. The nomination period closed on Tuesday 21 June at 5pm. At 5pm on that day we had received 5 nominations:

On Eastern Side of the Airport

- 2 nominations outside the ANB and outside the new proposed outer air noise overlay
- 1 nomination outside the ANB but inside the new proposed outer noise overlay

On the Western side of the airport:

- 1 nomination from within the ANB
- 1 nomination outside the ANB but inside the new proposed outer noise overlay

Jo L noted that the Airport are happy for all of these nominees to be accepted onto the committee, given that

- Even though the nominations received don't exactly match the requirements of the terms of reference, there is a reasonable representation on both sides of the airport and there is at least one on each side that is within the new proposed outer noise overlay area.
- It puts less pressure on the residents with respect to getting a quorum at each meeting.

- Aligns with the essence of WIALs NOR settlement agreement with respect to its relationship with the community.

Lindsay D asked if there were any objections to having five representatives on the committee. All members present were in agreement. WCC to communicate to nominees of their success.

It was also agreed that an information package would need to be put together for the new resident reps, including a draft Code of Conduct which would have to be agreed to at the first meeting to be attended by all of the new resident representatives. Jo L to draft.

9.3 The meeting closed at 6:21pm. The next meeting is Monday 12 September 2022

Meeting Schedule 2022:

Monday 12 September 2022

Monday 12 December 2022

ANMC ACTIONS

Date Action generated	Action	By whom	Due
27/06/2022	Eric to send Jo re technical questions regarding T&T noise contour modelling report. Jo to forward to T&T Response to Eric and remainder of ANMC	EM J L	ASAP
27/06/2022	Jo L to request from WCC the number of properties potentially affected by the new 60 dB contour.	JL	ASAP
27/06/2022	Lindsay H/Council to inform nominees of outcome.	LH	ASAP
27/06/2022	Jo L to draft Information Package for new resident reps	JL	By mid August
27/06/2022	Draft Code of Conduct to be agreed. Jo L to draft prior to meeting.	All	September Meeting
27/06/2022	Jo L to send committee the consent order regarding resolved NOR appeals	JL	ASAP
Ongoing	WIAL to add minutes of previous meeting onto website.	JL, JR	Ongoing
	WIAL/WCC to continue to investigate Air Start Unit complaint	JL/LH	September meeting
14/03/2022	Review Engine Test Procedures for any engine tests undertaken between 8pm and 11pm between March 2022 and March 2023.	WIAL	March Meeting 2023

APPENDIX 1

Quieter Homes Programme Update (as at 31 May 2022)

NB: Updates to numbers in orange

	Streets within Area (refer Rollout map on website)	Offers made	Application forms received	Site inspections undertaken	Acoustic design prepared	Legal agreements signed	Acoustic treatment installed	Acoustic treatment works underway	Current Status of Area
Area 1	Bridge St, Pt of Wexford Rd	38 (2016)	37	37	37	33	33	0	Complete (except for one that has only recently shown interest in the programme. Works to this property will be undertaken in mid 2022
Area 2	Calabar Rd, Caledonia St, Pt of Wexford Rd	33 (2017)	30	35*	33	33	33	0	Near completion. Two properties left.
Area 3	Tirangi Rd, Coutts St	48 (2018)	40	39	34	23	22	1	Due for completion this year
Area 4	Miro St, Caledonia St, Kedah St, Pt of Tirangi Rd	48 (2021)	34	31	12	0	0	0	Site inspections nearly complete. Acoustic and architect designs underway
Area 5	Wexford Road, Tirangi Rd, Lonsdale Cres, Rongotai Road	77 (2023)							Currently scheduled to be offered in 2023
Area 6	Lonsdale Cres, Coutts St, Miro St, Kauri St, Hobart St, Caledonia St, Moa Point Rd, Kekerenga St, Maupuia Rd, Aranui St, Zaida Way, Akaroa Drive	383 (2024)							Currently scheduled to be offered in 2024

* Includes 5 WIAL owned properties (where application forms not required). All 30 properties that are not WIAL owned have been completed in Area 2.