

# NOISE MITIGATION PROGRAMME

## REPORT No 4

APRIL 2005

### 1.0 Introduction

This report provides an update on the Noise Mitigation Programme from October 2004 to April 2005, as is required by Condition 10A(b) of the Airport Designation. The report should be read in conjunction with previous Noise Mitigation Programme reports which provide details of the entire Programme and progress since October 2003. Reports are produced every six months.

The Noise Mitigation Programme provides for offers of acoustic treatment which are made to owners of various Activities Sensitive to Aircraft Noise (ASANs) in noise impacted areas around Auckland International Airport (AIA), under Condition 10 of the Designation.

AIAL's general requirements under the Programme fall into the following areas:

1. Existing Buildings subject to noise from Aircraft Operations;
2. Existing Buildings subject to Engine Testing Noise; and
3. New Buildings at Educational Facilities.

This report assumes that the reader is familiar with the terminology used in the Airport Designation and for that reason definitions and terms from the designation and from the operative Manukau District Plan are used without further definition in this report.

### 2.0 Existing Buildings Subject to Noise from Aircraft Operations

The Airport Designation categorises three types of Existing Buildings:

- ? Educational Facilities
- ? Registered Pre-schools
- ? Others (predominately household units (referred to as dwellings in this report) but also includes child centres, hospitals, and rest homes etc).

AIAL is required to offer acoustic treatment to the owners of these Existing Buildings when the predicted noise level from aircraft operations reaches specified levels. In order to know when these offers should be made AIAL produces Annual Aircraft Noise Contours (AANCs).

Under Condition 10(n) of the Airport Designation, offers of acoustic treatment packages relating to the 2004 AANCs (published in October 2003) are required to be made by April 2005 and offers relating to the 2005 AANCs (published in October 2004) are required to be made by April 2006.

Progress towards making offers is outlined below.

## 2.1 Offers to Existing Dwellings

### 2.1.1 Process for making offers

The process for making offers to existing dwelling owners was outlined in Report No. 2 (Section 2.1.1) along with contractual arrangements which were covered in 2.1.2. This process has changed since the time of that report as work has been undertaken toward making the offers. AIAL has decided to appoint a Construction Consultant to oversee the work to be undertaken in existing dwellings. Once the owner accepts AIAL's offer, AIAL will forward details of the property to the Construction Consultant who will then proceed with inspecting the property and determining the appropriate acoustic treatment package (ATP) to be installed. The Construction Consultant will arrange for subcontractors to undertake the installation of the ATP. The updated process is outlined below:

- ? Prepare and publish AANCs.
- ? Recognise that property is about to qualify for treatment offer.
- ? Identify owner.
- ? Prepare and make offer – this will outline basic acoustic treatment to be installed with final details to be available upon acceptance by the owner and an inspection of the property.

If owner accepts the offer:

- ? Owner returns deposit to AIAL (where offer is outside the HANA).
- ? AIAL forward details of property to Construction Consultant.
- ? Construction Consultant inspect property and determine whether a certified standard package would be suitable.
- ? If not, design an individual package.
- ? Owner receives and signs final detail of acoustic treatment to be installed.
- ? AIAL prepare and execute covenant documentation.
- ? Construction Consultant arrange for installation of acoustic treatment package.
- ? Construction Consultant provide certificate from a *suitably qualified independent person* to Council.

### 2.1.2 Offers made in March and April 2005

Under the 2004 AANCs, 471 properties required offers of acoustic treatment packages by 21 April 2005. Of these 12 properties were inside the Ldn 65 dBA contour and 459 were inside the Ldn 60 dBA contour. To assist owners of these properties in understanding the offers being made to them, AIAL designed a brochure to explain the offers. This was sent to homeowners about a week prior to the offers being made and is enclosed as Appendix A.

AIAL requested that Manukau City Council forward the brochures and offer letters to homeowners using data from the Council's ratepayer database to ensure that the information reached the homeowner.

Offers were made from mid-March to mid-April 2005 and were divided into groups to assist with managing the process. These groups are outlined in the figure below:

Group #	Description of Group	Date offer letter sent	Offer sent by	# offers made
1	One third of Ldn 60 dBA offers	16/3/05	MCC	123
2	One third of Ldn 60 dBA offers	12/4/05	MCC	151
3	One third of Ldn 60 dBA offers	18/4/05	MCC	123
4	Ldn 65 dBA offers	18/4/05	MCC	12
5	Housing New Zealand offers	15/4/05	AIAL	37
6	Properties for which Manukau City Council had no records	18/4/05	AIAL (hand delivered to physical address)	21

Figure 1. Details of offers to owners of existing dwellings made by AIAL in 2005

AIAL is currently awaiting a response from these owners.

Included with the offers made to homeowners has been information relating to claiming a "hardship" grant from the Auckland Airport Community Trust. Over the period AIAL has worked closely with the Trust to enable the Trust to achieve the third of its charitable purposes relating to assisting in cases of "significant financial hardship". AIAL has worked with the Trust to develop a voucher system so that the Trust is able to pass funds, relating to the hardship grants, directly to AIAL and not through the homeowner.

## 2.2 Existing Educational Facilities

Based on the 2004 AANCs, Puhinui Primary School qualified for an acoustic treatment offer in April 2005. This offer was made to the Ministry of Education (MOE) on 21 April 2005 and AIAL is now waiting to hear whether the MOE accept this offer before progressing matters further.

The treatment of each school will be dealt with on a case-by-case basis as and when each school becomes eligible for an offer. No other schools are currently eligible for an offer and no further offers will be required based on the 2005 AANCs.

Specific designs (or individual packages) will likely be created for each school.

## 2.3 Existing Registered Preschools

There are two existing registered preschools which qualified for an acoustic treatment offer by April 2005. These are the Lollipops Educare Centre in Lambie Drive and the Te Kohanga Reo O Te Rangimaria on Puhinui Road. Offers were

made to the owners of these properties on 21 April 2005 and AIAL is now waiting to hear whether the owners accept the offer.

As is the case for schools, the treatment of each preschool will be dealt with on a case-by-case basis as and when each preschool becomes eligible for an offer. Specific designs (or individual packages) will likely be created for each preschool.

### 3.0 Existing Buildings Subject to Engine Testing Noise

As required by Condition 13A of the designation, AIAL made offers of acoustic treatment measures to the owners of 13 Existing Buildings within the specified Ldn 57 Area by 21 April 2004. These offers were outlined in Report No.2 and require the owner to pay 25 percent toward the cost of the acoustic treatment measures being installed in their home.

To date no response has been received from these owners. The offers expire on 21 April 2005.

### 4.0 New Buildings at Educational Facilities

Under Conditions 10(k) & 10(m), AIAL is obligated to offer funding for acoustic treatment in new noise sensitive buildings at both existing and new public Educational Facilities in the MANA.

The requirement to make those offers is conditional on certain certification from the Ministry of Education (MoE), so in essence AIAL's role is a reactionary one after advice from the MoE.

Advice has been received from Papatoetoe South Primary School of the need for two additional classrooms. Costs for acoustic treatment were agreed in March 2005. This work is currently being undertaken

No advice has been received regarding new buildings at other eligible schools.

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