

NOISE MITIGATION PROGRAMME

REPORT No 5 OCTOBER 2005

1.0 Introduction

This report provides an update on the Noise Mitigation Programme from April to October 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 were required to be made as follows:

- ? Offers relating to the 2004 AANCs (published in October 2003) by April 2005;
- ? Offers relating to the 2005 AANCs (published in October 2004) by April 2006; and
- ? Offers relating to the 2006 AANCs (published in October 2005) by October 2006.

Progress towards making offers is outlined below.

2.1 Offers to Existing Dwellings

2.1.1 Offers relating to the 2004 AANCs

Under the 2004 AANCs, 471 properties were made 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. These offers were outlined in the previous report. To assist the owners of these properties in understanding the offers being made to them, they were sent a preliminary letter with a brochure to explain the offers

As at the date of this report, six homeowners had accepted AIAL's offer. Five of these properties were inside the Ldn 60 dBA contour and one was inside the Ldn 65 dBA contour. AIAL staff have also received around 40 enquiries relating to the offers made. Most of these were from properties owners who wanted more information on the package they were being offered.

In May 2005, AIAL staff met with Housing New Zealand to discuss the offers made to them. Housing New Zealand own 38 of the properties in the Ldn 60 dBA area. In early October 2005, Housing New Zealand advised AIAL that they will be accepting the offers.

In September 2005, AIAL sent the property owners who received the offers in March/April 2005 a letter, and another copy of the brochure, to remind them that an offer that been made to install an acoustic treatment package at their property. These homeowners have one year from the date that the offers were made to them to decide whether to accept.

2.1.2 Offers relating to the 2005 AANCs

As outlined in the previous report, no further offers are required to be made based on the 2005 AANCs.

2.1.3 Offers relating to the 2006 AANCs

The 2006 AANCs were due to be published on 21 October 2005. As outlined in the attached letter, AIAL advised Manukau City Council that the 2006 AANCs would not be published until 21 April 2006. This is due to a difference in monitoring results and noise levels predicted by the INM model. The delay in publishing the 2006 AANCs will allow AIAL's noise consultants to fully investigate the reasons for this difference and how it will be addressed in both the 2006 AANCs and other future AANCs. As the offers relating to the 2006 AANCs are not required to be made until October 2006, no property owners will be affected by delaying the publishing of these contours.

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.

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 Te Kohanga Reo O Te Rangimaria on Puhinui Road. Offers were made to the owners of these properties on 21 April 2005. AIAL has visited both properties and been in contact with the owners of Te Kohanga Reo O Te Rangimaria. 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

These offers were made to the owners of 13 Existing Buildings within the specified Ldn 57 Area in April 2004. Offers were open for one year. No offers were accepted and offers have now closed.

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). Basically AIAL's role is a reactionary one after advice from the MoE.

Advice was received from Papatoetoe South Primary School of the need for two additional classrooms with costs for acoustic treatment agreed in March 2005. This work is now complete.

In September 2005, AIAL received information regarding work to be undertaken at Chapel Downs School. AIAL is currently working with the school's architect to progress this matter.

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

John McShane
Environment and Planning Manager

21 October 2005