

# Air Quality & Odour Scheme

## 1. Introduction

- 1.1 Farnborough Airport is committed to monitoring the impacts of business aviation at the Airport on local air quality, with due regard to the Town & Country Planning Act, Section 106 Agreement. This document provides the scope of air quality & odour monitoring and the process under which monitoring data is recorded, reported and used to address potential impacts on local communities.

## 2. Aims

- 2.1 The aim of the Air Quality and Odour Scheme is to appropriately monitor, record and report on air quality and or odour (in accordance with the requirements of the Town and Country Planning Act) and to understand and address any air quality or odour related issues that may occur as a result of Airport operations.

## 3. Objectives

- 3.1 This scheme has four main objectives:
- To understand ambient air quality around the Airport through a scheduled monitoring program
  - To investigate occurrences of odour around the Airport through ad-hoc monitoring where issues are raised by the local community
  - To inform stakeholders of activities that take place in relation to air quality and odour monitoring
  - Wherever possible, address air quality and odour impacts, that are identified in relation to Airport operations, through structured management programs

## 4. Air quality monitoring

- 4.1 Farnborough Airport assesses local air quality by monitoring ambient nitrogen dioxide at 13 locations, six within the airport boundary and seven in the local community (refer to the map on page 3).
- 4.2 Monitoring is achieved using passive diffusion tubes which remain in location for one calendar month before being dispatched to an independent laboratory for analysis. New tubes replace those ready for analysis ensuring continuous monitoring.
- 4.3 Two of the 13 locations include co-located active nitrogen dioxide monitors (Learian Streetboxes) Active monitors draw samples of air on a schedule (half hourly) and analyse samples in situ. Data from active monitoring sites is downloaded monthly.

## 5. Odour monitoring

- 5.1 Due the nature of odour being related to the sensitivity of the receptor; Farnborough Airport is not required to undertake routine odour monitoring under the requirements of its planning agreement.
- 5.2 Complainants raising issues of odour will initially be requested to contact Rushmoor Borough Council (RBC). Once contact has been made RBC will assess the location and potential for involvement of non-airport related sources of odour. Agreement from the complainant will be sought prior to any level of information sharing between Farnborough Airport and RBC

- 5.3 Farnborough Airport is committed to investigating reports of odour identified as potentially being related to Airport operations. Where such issues have been raised, with the agreement of the complainant and RBC, sample monitoring will be undertaken by Farnborough Airport.
- 5.4 Analysis of collected samples will be carried out at an independent laboratory.
- 5.5 Farnborough Airport will consult with RBC on results of laboratory analysis and respond directly to the complainant on all findings.

## **6. Alleged aviation related deposit monitoring**

- 6.1 Due to the infrequent nature of reports concerning alleged aviation deposits in the local community, Farnborough Airport is not required to undertake routine monitoring of alleged deposits under the requirements of the planning agreement.
- 6.2 Farnborough Airport is committed to investigating reports of alleged aviation deposits and will undertake independent laboratory analysis of samples provided or offered for collection.

## **7. Results**

- 7.1 Full details of air quality results will be reported to RBC in the Farnborough Airport Environment Reports.
- 7.2 Farnborough Airport is committed to ensuring accuracy in air quality monitoring. Anomalous or unexpected results will be cross referenced with those from RBC monitoring schemes to determine validity.
- 7.3 Results from odour monitoring will be reported to the complainant and to RBC.
- 7.4 Results will be reviewed in conjunction with other appropriate data (e.g. weather or flight data) and referenced against environmental standards. Where issues are demonstrated, investigation of cause and assessment of potential operational improvements will take place.

## **8. Complaints**

- 8.1 Farnborough Airport records all instances of complaints concerning air quality, odour or alleged aviation related deposits in the local community, whether confirmed as associated with airport activities or not.
- 8.2 Air Quality & Odour Complaints are handled in compliance with the Complaints Charter - <https://www.farnboroughairport.com/environment/>
- 8.3 Under GDPR, complainant data (including personal details) will be retained for up to a period of 4 years in order to inform the response process.
- 8.4 Personal details will not be passed on to third parties of any nature and all related reports submitted by Farnborough Airport will not include complainant personal data.
- 8.5 For full details of the Farnborough Airport Privacy Policy, please visit: <https://www.farnboroughairport.com/privacy-notice/>

Miles Thomas  
Environment Manager