

Airspace and Environment LCACC Quarterly Report

1st January – 31st March
1st Quarter

London City Airport
City Aviation House
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1.0 Introduction

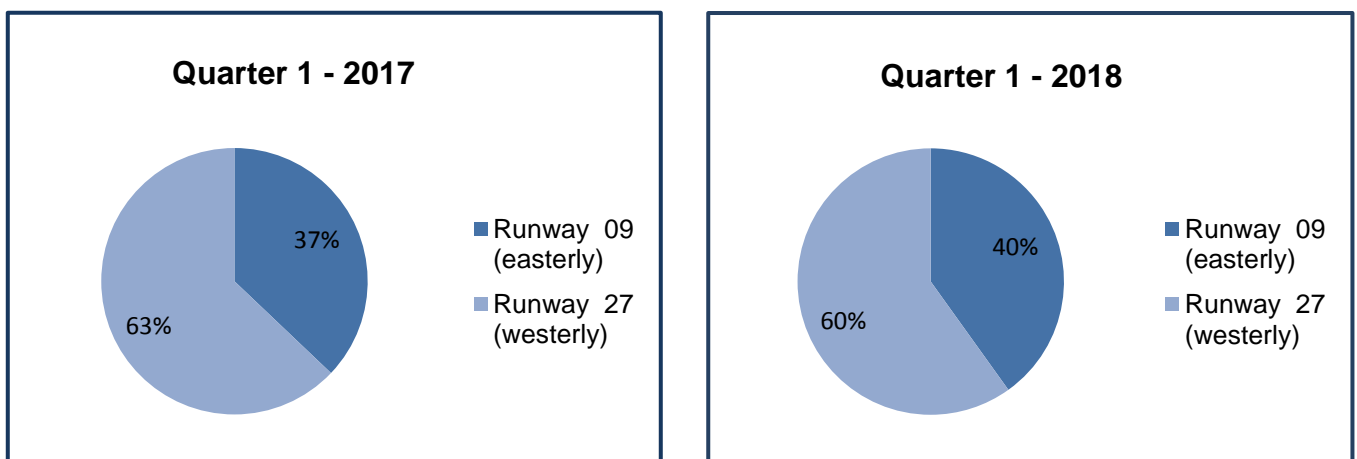
This purpose of this report is to detail environmental performance to be shared with the Local Authority, Consultative Committee and the Local Community.

This report covers the period 1st January – 31st March 2018

2.0 Aircraft information

Key Stats Dashboard		January	February	March	Total
Passengers	2017	301,613	329,948	402,423	1,033,984
	2018	319,991	329,300	382,982	1,032,273
	Variance	+5.9%	-0.19%	-4.9%	-0.16%
Aircraft Scheduled Movements	2017	6,171	6,568	6,962	19,701
	2018	6,318	6,087	6,727	19,129
	Variance	+2.3%	-0.96%	-0.96%	-0.97%

3.0 Runway Utilisation



The use of either end of the runway for departures and arrivals is based on wind direction as aircraft must take off into the wind. Wind direction therefore changes where aircraft will fly in general when arriving and leaving the Airport because each end of the runway has its own routes.

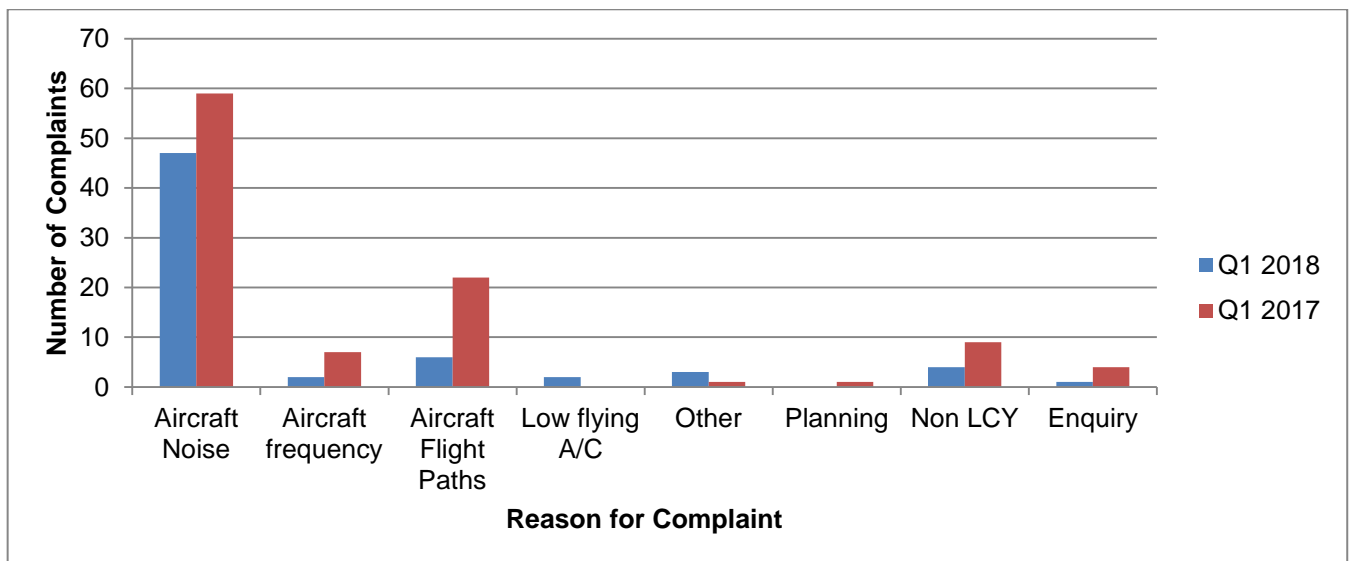
4.0 Noise and Track Keeping System Performance

During this quarterly period all Noise Monitors (NMT's) were fully operational and data received for each day.

NMT	Calibration	Data
1	ok	Data received for all days
2	ok	Data received for all days
3	ok	Data received for all days
4	ok	Data received for all days
5	ok	Data received for all days
6	ok	Data received for all days

5.0 Complaints & Enquires

During Q1 LCY received a total of 60 complaints relating to the operation. 36% was from one individual. In the same period last year 90 complaints were received representing a 40% decrease. This is partly attributed to a spike in complaints during 2017 as a result of bringing in the RNAV airspace change.



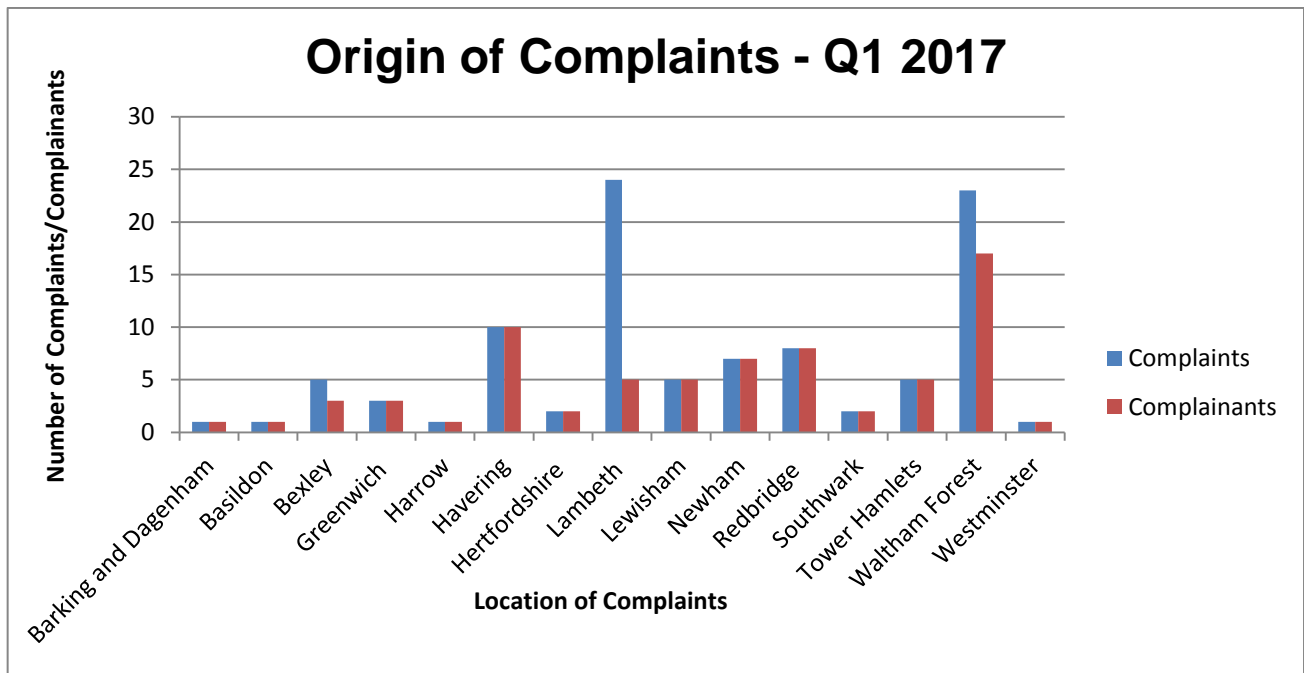
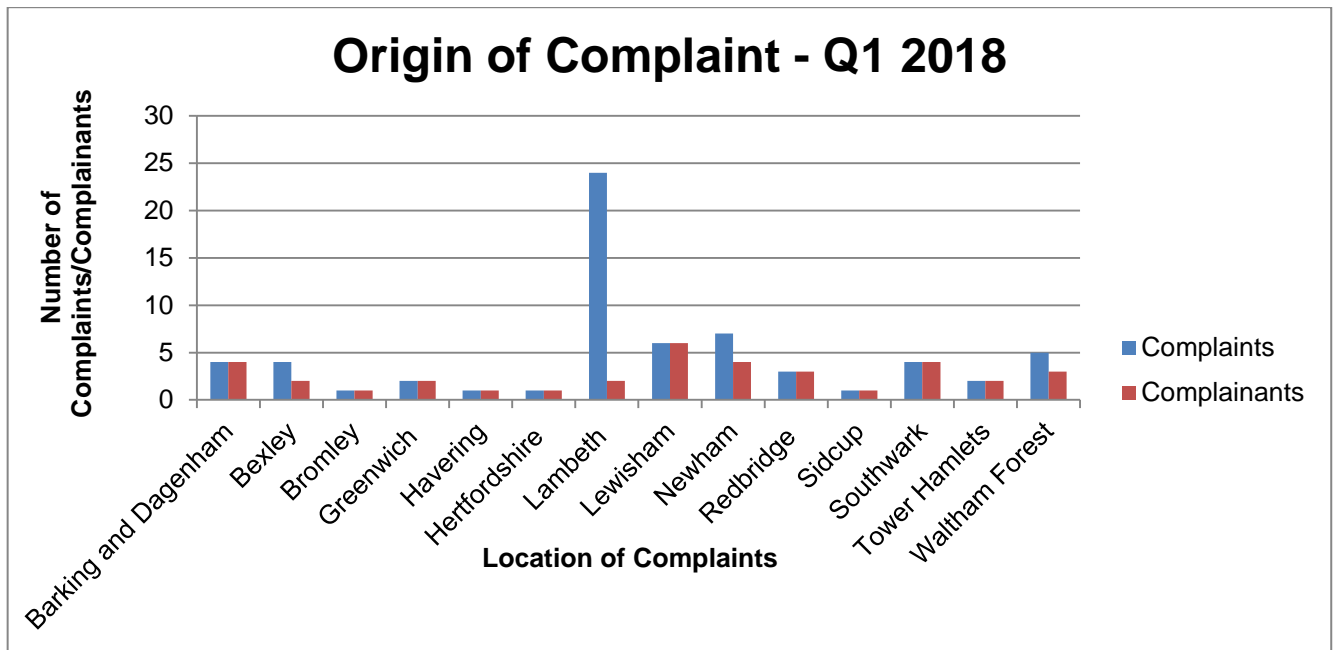
The monthly breakdown of total complaints and events generating a complaint relating to London City Airport.

January 2018 15 complaints

February 2018 12 complaints

March 2018 33 complaints (55% were from one individual)

The charts below shows the breakdown of complaints related to the number of complainants and from which Boroughs these were received for Q1 2018 and 2017.



6.0 Sound Insulation Scheme

Proton, Elektron, Neutron, Switch House – 181 surveyed and 123 have been fitted (as of 20th July 2018). The project is progressing well and is expected to be completed by September 2018.

A significant contribution was made to St Joachims Catholic Primary School.

7.0 Construction Sound Insulation Scheme

	Zone A	Zone B	Zone C
Total Properties	83	148	361
Surveyed	51	77	68
Fitted	34	16	37
Rejected works	4	6	0
Surveys complete	61%	52%	19%
Installation Complete	41%	11%	10%

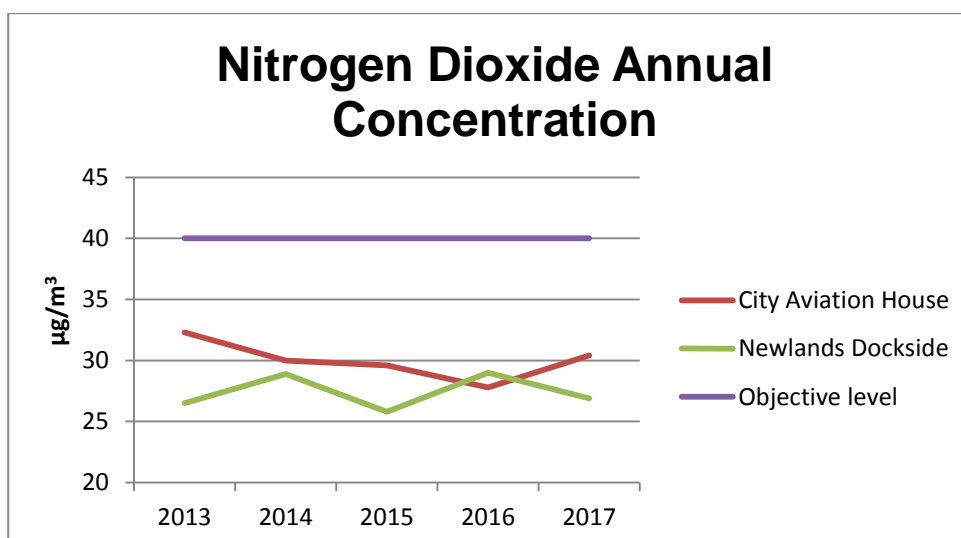
Data accurate as of 20th July 2018

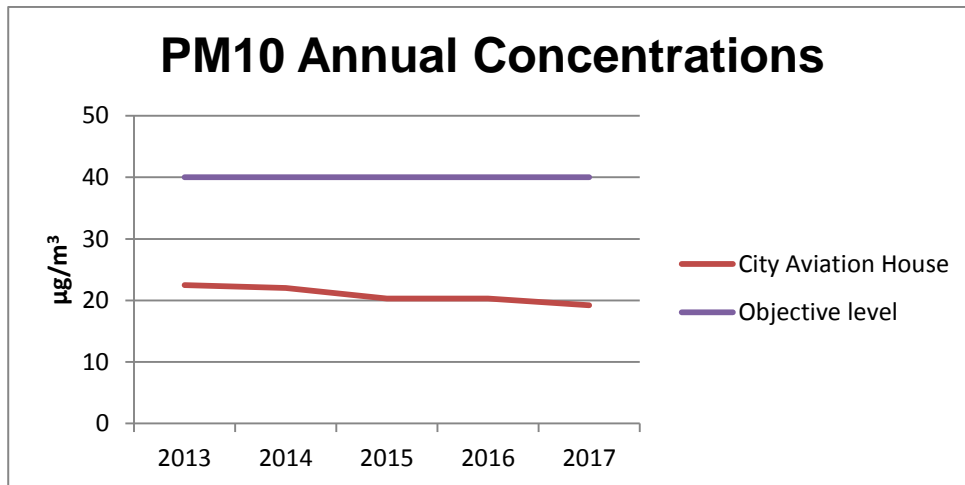
- I. London Borough of Newham (LBN) have made the works compulsory for all local authority owned properties
- II. LCY have enlisted an LBN Community Liaison Officer to increase uptake
- III. Commissioned a prototype window to display in communal areas for eligible buildings
- IV. Letters and posters have been circulated within the catchment area
- V. Scaffolding for Dunedin House and Westland House (2 of the 3 main tower blocks) has commenced.

LCY has added 201 properties into the scheme as a result of a proposal to accelerate the CADP programme and shorten the duration of construction. These properties have recently been offered the works via letter, and have been added to the table above since the last report.

8.0 Air Quality

The graphs below show the levels of nitrogen dioxide and PM10 (two air pollutants) over the last 5 years at LCY compared to the objective levels published in the UK Air Quality Strategy. The data shows that the levels of these two pollutants are well below the objective levels, indicating that air quality at LCY is acceptable. The PM10 concentrations have also been dropping over the last 5 years, reflecting LCY's efforts in reducing emissions.





The table below details LCY’s air quality performance during quarter 1 of 2018. Again the concentrations of nitrogen dioxide and PM10 are well below the objective levels published in the UK Air Quality Strategy, indicating that air quality at LCY is acceptable.

		Objective Level	Q1 2018 Performance
NO₂	Period Mean (µg/m ³)	40	CAH: 34.1 ND 29.9
	No. 1-Hour Mean > 200 µg/m ³	18 (annually)	0
PM10	Period Mean (µg/m ³)	40	20
	No. 24-Hour Means >50 µg/m ³	35 (annually)	1

9.0 Environmental Performance

- 56% of waste was recycled in Q1. There is a target in place for 70% by the end of 2018.
- E190 operated 0.2 dB quieter during Q1 2018 compared to Q1 2017, averaging 93.68 PNdB.
- ISO14001:2015 transition audit completed in June 2018. Full ISO14001:2015 scheduled for end of July.