

For the period 1st July 2016 – 30th September 2016 inclusive.

Noise:

Total Complaints – 151

- 66 related to aircraft noise;
- 40 related to flight paths;
- 18 related to aircraft frequency;
- 10 related to early/late operations;
- 9 non LCY due to helicopter movements, outside operational hours.
- 2 related to air quality in areas where they live.
- Two individuals logged 17% of the total complaints in this quarter.

Enquiries – 11

- Queries concerning opening hours since looking to buy a property in the area;
- Further information on how noise contours are created;
- When RNAV Post Implementation Review will take place
- Questions regarding Airport development;
- Query as to flights in local area.

Total Correspondence: 162

Noise and Track Keeping System Performance:

During this quarterly period, NMTs 1, 3 and 4 were fully operational, and data received for each day.

| NMT | Calibration | Data |
|-----|-------------|---|
| 1 | OK | Data received for all days except 22-23 August |
| 2 | OK | Data received for all days except 22-23 August |
| 3 | OK | Data received for all days except 1-6 September |
| 4 | OK | Data received for all days except 1-6 September |

Table 1: Summary of NMT status

The dates in August and September were due to annual lab calibration of microphones.

| Month | No. Operations | No. Correlated Departures | Correlation Rate |
|-----------|----------------|---------------------------|------------------|
| July | 7229 | 3466 | 96% |
| August | 7187 | 3255 | 91% |
| September | 7475 | 3528 | 94% |

Table 2: Summary of correlation rate

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Other Environment items:

Air Quality Update – results from July – September 2016

Monitoring is carried out at two automatic monitoring stations. One is situated on the roof of City Aviation House (LCA-CAH) whilst the other is to the north of Royal Albert Dock, adjacent to the Newham Dockside building (LCA-ND). These automatic sites are supplemented by a network of passive monitoring devices (nitrogen dioxide diffusion tubes) located at a further 18 sites in and around the Airport boundary.

Nitrogen Dioxide

The period mean nitrogen dioxide concentration measured at the automatic station on the roof of City Aviation House was 22.5 µg/m³ (microgrammes per cubic metre); a lower concentration (18.8 µg/m³) was measured at the Newham Dockside site. The period mean concentrations at the City Aviation House and at Newham Dockside sites were both below the objective value.

There were no recorded exceedences of the 1-hour mean objective value at either site. All hourly concentrations were classified as being within the 'Low' pollution band.

The period mean nitrogen dioxide concentrations measured at the diffusion tube sites ranged from 17 to 33 µg/m³; measured concentrations were below the annual mean objective value of 40 µg/m³ at all sites.

Fine Particles (PM₁₀)

The period mean PM₁₀ concentration measured at the automatic station on the roof of City Aviation House was 17.8 µg/m³ (microgrammes per cubic metre). This is well below the objective value of 40 µg/m³.

There were no recorded exceedences of the 24-hour mean objective. All of the running 24-hour mean concentrations were classified as 'Low'.

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LONDON CITY AIRPORT – SOUND INSULATION SCHEME UPDATE REPORT

1.0 GENERAL SITUATION

2014, 2013, 2012 & 2009 APR schemes

Robin Hood Gardens Estate in Tower Hamlets started in October 2016. In all, 110 properties will be treated as part of the scheme.

Tower Blocks

497 eligible properties are within the recently constructed Proton, Neutron and Electron Towers and Switch House (Phase 4B). All approvals for 397 properties have been agreed, the Airport to begin works in the 2nd Quarter 2017. This remaining 100 are key workers with a different freeholder; the Airport is currently seeking permission at the present moment in time.

Replacement high acoustic performance windows and doors have been installed successfully in 26 out of 27 Tier 2 properties. Only one property owner was not interested in the Tier 2 works.

2015 APR

As published on the 1st July 2016; in all there are 432 Tier 1 properties and 49 Tier 2 properties and 6 re-inspections. All inspections have been completed and initial letters to all eligible properties and parties have been completed. Currently finalising contracts with contractor begin works.

2.0 COMMUNITY BUILDINGS

Noise surveys have been carried out at St Paul's Church, The Lodge, Hawksmoor Primary School and Gallions Reach Health Centre. All of these community properties are in Thamesmead.

The noise survey results have been submitted and agreed with the local authority for Gallions Reach Health Centre. Further investigation works were required on the practicalities of installing acoustic ventilation and this still being considered by the Health Centre. Still progressing, awaiting feedback.

An offer of works has been made to St Pauls Church earlier in the year; works will begin in the first quarter of 2016.

St. Anne's Presbytery Church in Berwick Road was identified in the 2014 APR. After completion of the noise survey an offer works has been made.

In the 2015 APR there are an additional 3 Community buildings eligible for treatments including The Royal Docks Community School and Adult Education Centre, St. Joachims RC School and Gymboree Play + Music. Work is on-going for all of these buildings, noise surveys have been completed and now formal proposals of works are being drafted to progress discussion with relevant parties.