

**From:** Richard Collman  
**Sent:** 23 October 2016 21:23  
**To:** Davis, Edward  
**Cc:** 'Wing Kew Leung'; 'Edward Bardos'  
**Subject:** Kua Aina - 40 Goodge Street: Extract Fan noise

Dear Ed

Wing & I visited Flat B (the only remaining complainant, following the previous test when it was confirmed that there is no perceptible sound from the Extract Fan in Flat C) on Monday 17<sup>th</sup> October. This latest visit followed our installation of the acoustic screen as previously agreed with you (including panels to the lower section).

I took measurements in the outdoor Workshop and indoors, with the Extract Fan operating normally then switched off. For the first indoor measurement with the Fan off, the residual sound level was raised by noise from the toilet extract fan of another flat, which was audible in Flat C. After these measurements, I took one further series in the Workshop, whilst the Extract Fan was switched on.

Graphs 1 & 2 show the sound level with normal plant operation, producing a cumulative level of circa 38-39dBA in the Workshop and around 22dBA indoors.

Graph 3 shows that with the other flat's toilet extract fan operating (and the Extract Fan inoperative) the cumulative level rose to around 26dBA.

Graphs 4 & 5 show that the residual level in the Workshop was around 37-38dBA and indoors it was back to around 22dBA once the toilet extract fan switched off.

Graph 6 shows that there was no measureable change in the level in dBA or in any octave band when the Extract Fan was switched on (it is not possible to identify when this occurred).

When we entered the flat the resident volunteered the information that things had significantly improved as a result of our work over the last weekend (installing the acoustic screen) and that the Fan noise was no longer a problem.

I trust you will agree that the measurements confirm this to be the case and your or your colleagues can now confirm that the planning condition has been discharged and that the current restriction on opening hours can be lifted with immediate effect.

If you do have any questions or would like to discuss any aspects of this in greater detail, I will be delighted to do so.

I therefore look forward to hearing from you or your colleagues soon.

Kind regards

**Richard A Collman** | Managing Director | [www.acoustical.co.uk](http://www.acoustical.co.uk)

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