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SCIENCE**

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the Case Study

Keeping you up-to-date with the world of **noise measurement**

Newham Council turns the volume down on noise nuisance

Newham Borough, located just five miles east of the City of London, has experienced huge amounts of regeneration and redevelopment over the last twenty years through government investment schemes for Newham and the surrounding boroughs. The redevelopment has successfully attracted a younger age group as well as several different cultures from all over London, resulting in under 25 year olds making up over 40 per cent of the 254,000 residents living in Newham¹.

Muhammad Islam, Senior Environmental Health Officer at Newham Council's Noise and Nuisance team, explains: "The diversity within Newham Borough makes it a vibrant and exciting place to live. However, like all boroughs, we have our challenges such as noise nuisance complaints - of which we get on average, around 155 a week from residents.

We have a duty to investigate complaints of noise nuisance; the most common being continuous barking dogs, car doors slamming at night, loud music or televisions, shouting, banging doors and DIY activities. Many noise problems, particularly those involving neighbours, can be resolved informally by individuals speaking to each other to explain the problem. However, if this approach fails, we put processes in place to help.

Councils and local authorities across the UK have slightly different adaptations and approaches to enforcing noise nuisance. There is no set guideline for noise or frequency of decibel (dB) levels that residents have to follow and it is up to the individual councils and boroughs to use their own judgement for statutory noise nuisances under Section 79 of the Environmental Protection Act 1990.

In most scenarios, local authorities and councils like Newham, advise that in reported cases of noise nuisances, the resident approaches the individual responsible directly, which more often

Newham London

than not, results in both parties coming to an amicable agreement. However, this approach doesn't always work and the next suggested step is an independent third party mediation procedure.

If the noise nuisance persists and informal action fails to resolve the problem, a formal complaint needs to be implemented; residents then approach the Noise and Nuisance team to investigate directly, which involves regular visits from a Noise Officer."

A noise nuisance recorder is installed if: the noise is intermittent, it is not witnessed despite officers

visiting the complaint on a number of occasions or it cannot be witnessed because it occurs when the council's out of hours noise response service is not in operation. This machine records the noise levels over a 7-10 day period and is used to help decide whether it constitutes a statutory noise nuisance and if further action is required.

Valuable piece of equipment

Muhammad Islam explains, "A noise nuisance recorder is an extremely valuable piece of equipment for local authorities and housing associations, as it provides the means of monitoring whether a noise complaint by a local resident is credible. The results that we gather from the noise monitoring instrument give us a clear idea of whether the noise nuisance report is legitimate and whether or not we issue an abatement notice."

To help obtain vital information and record concise and clear data to support noise nuisance cases, Newham Council has recently invested in two Trojan Noise Nuisance Recorders from Cirrus Research. The Trojan helps local authorities and housing associations provide quick and accurate noise measurements to support noise nuisance cases and it is supplied in a discreet backpack, allowing the officer who installs the Trojan to leave with the same backpack, so as not to arouse the suspicion of neighbours.

The Trojan helps local authorities and housing associations provide quick and accurate noise measurements to support noise nuisance cases



For more information:
Fax: +44 1723 891742

Telephone UK: 0844 6640812
Web: www.cirrusresearch.co.uk

International: +44 1723 891655
Email: sales@cirrusresearch.co.uk





The Trojan is simple to use and has the functionality that is necessary for noise nuisance to be accurately measured

Cirrus Products used in this case study

- Trojan noise nuisance recorder

The Trojan has saved the council and residents a substantial amount of time and money!"

For further information on the Trojan please contact Cirrus Research on 0845 230 2434 or visit www.cirrus-trojan.co.uk

Muhammad Islam concludes: "Previous noise nuisance recorders have been very complex to use, making it difficult for members of the Noise and Nuisance team to configure the instruments to their specific requirements. It is vital that a noise measurement instrument is simple to use and that the measured noise is accurate. The Trojan does just that; it is simple to use and has the functionality that is necessary for noise nuisance to be accurately measured. When the instrument is inside the small black box it is connected to an interface. When this is connected, the instrument recognises that it is plugged in and switches to noise nuisance mode. This configures the instrument automatically to give the functions and features needed, removing the need for any setup or configuration.

Trojan

Noise Nuisance Recorder



About Cirrus Research plc

Formed in 1970, Cirrus Research plc is a leading expert in the creation and production of noise measurement instruments.

Specialising in the design and production of noise measurement equipment, the latest scientific and technological developments are utilised to produce noise measurement instrumentation equipment to accurately measure noise and its impact.

Manufactured in the UK, Cirrus noise measurement instruments are used in a wide range of different applications and across many different industries.

Cirrus is part of the British Safety Industry Federation's Registered Safety Supplier Scheme, identifying its organisation and products as 'genuine and safe', assuring customers that the products supplied are genuine and properly tested and certificated.

1 - <http://www.newham.gov.uk/YourCommunity/TouristInformation/DiscoverNewham.htm>

Cirrus Research plc, Acoustic House, Bridlington Road, Hunmanby, North Yorkshire YO14 0PH United Kingdom



For more information:
Fax: +44 1723 891742

Telephone UK: 0844 6640812
Web: www.cirrusresearch.co.uk

International: +44 1723 891655
Email: sales@cirrusresearch.co.uk