



Environmental Noise Assessment and Mitigation

Statement of Capability

Acoustical Investigation & Research Organisation Ltd (AIRO) was established in 1958, so can provide the benefits of over 50 years of delivering technical expertise and measurement services in the field of acoustics. Being an independent private company, free from any corporate connections with building or noise control products, AIRO can be seen to offer an unbiased professional service to its clients.

From a total staff of 10, AIRO has 7 professionally qualified and experienced staff 4 of whom have more than 25 years experience working in acoustics at the company. This provides the benefits of continuity and personal knowledge of the business of delivering all scales of development, the depth of knowledge to be able to "tell it how it is" where necessary, being able to contribute constructive ideas and solutions to resolve design issues where they arise and an ability to work successfully with the wider project team.

Environmental noise assessment is a core area of our activities covering the full range and scale of development from small infill residential schemes to major highway schemes and all the typical environmental noise sources (road, rail, air traffic, industrial and commercial noise).

For larger scale developments, AIRO is experienced in providing the relevant contributions for formal Environmental Statements and in providing expert testimony at inquiry where necessary.

AIRO's comprehensive range of noise and vibration measurement instrumentation together with computer modelling capabilities provide the benefits of being able to conduct surveys which fully characterise the noise exposure of a site, to assess development proposals and evaluate mitigation schemes.

Involvement in major environmental noise research projects, staff involvement on British Standards Institution sub-committees for both noise and vibration and at the highest levels within the professional body for acoustics in the UK (the Institute of Acoustics) ensures that detailed and up-to-date knowledge is provided.

A list of some of our more recent key projects is given overleaf demonstrating a proven and enduring track record of high quality service delivery.

ACOUSTICAL INVESTIGATION & RESEARCH ORGANISATION LTD

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Key Research and Major Project Experience, Environmental Noise

National Noise Incidence Studies in 1990 and 2000 (design of sampling strategy and conduct of measurements at approximately 1000 sites across the UK for the Building Research Establishment on behalf of Defra).

Audit service to WS Atkins in respect of London Noise Map

Southend Road Traffic Noise Map (research contract for Defra)

Proposed blockworks at Ightham Sand Pit, Kent, Environmental Statement and Inquiry

M1 Junction 19 Improvements, Environmental Statement and Inquiry

Shrewsbury, North-Western Relief Road, Environmental Statement

Land West of Bedford, various development parcels

Daws Hill Road, High Wycombe, Environmental Statement

Janmashtami Festival, Radlett, Environmental Noise Monitoring

Recent Projects in and around London

Corbridge Crescent, Hackney

Aberfeldy New Village, Tower Hamlets

Acton Gardens (South Acton Regeneration)

Greenwich Millennium Village, Greenwich

North Wharf Gardens, Paddington

Pontoon Dock, Silvertown

Loughborough Park, Lambeth

Sherwood Court, Lewisham

Dexion House, Wembley

Parkside Estate, Tower Hamlets