



Graham Hornby

Associate Director
WSP UK Limited

Career Summary

Graham has over fifteen years experience in the field of acoustics, gained on a variety architectural, environmental and building commissions. These cover a wide range of projects and clients, including industrial, commercial residential and education sectors.

During that time Graham has dealt with numerous construction noise and vibration impact assessments and measurement programmes.

Graham has experience of managing a team of consultants and project management of large and small projects in Australia, UK, US, Dubai, Qatar, Libya and across Europe.

Professional Qualifications

Education and Training

- 2003 – BSc(hons) Environmental Health – Middlesex University
- 1999 – Post Graduate Diploma in Acoustics and Noise Control
- 2006 – Level 6 Diploma in Occupational Safety & Health

Professional Memberships

- 2003 – Member of the Institute of Acoustics
- 2012 – Member of the Australian Acoustical Society

Selected Relevant Experience

2013 *Elizabeth Quays development Perth, Australia*

Preparation and instigation of a noise and vibration monitoring plan for the main infrastructure works for the \$2.6billion project to create a new quay within Perth CBD covering 10 hectares and includes the piling and excavation of the inlet and quay. Services included real-time reporting of noise and vibration plus underwater acoustics assessments in the main river.

2013 *QEII (Charles Gairdner Hospital) Perth, Australia*

Detailed vibration assessment within an existing hospital to identify the cause of vibration on a ward causing complaint. Subsequent detailed investigation and specification of appropriate remedial works to the steam generation boiler and in particular the type of steam injector used.

2013 *Mesa A & Warramboe Mines Noise Assessment, Australia*

Project managing a site measurements and noise modelling and blast vibration study for an existing mine facility including future expansion proposals.

2012 – 2013 *Cape Lambert Port B Noise Assessment, Australia*

Project managing a noise impact study for new process facility as part of a larger 283Mtpa iron ore port project (part of the largest mining project ever undertaken in Australia), including a peer review of a third party noise report and modelling.

2009 *Proposed Open Cast Coal Mine, St Helens MBC (UK)*

Provided expert witness services at a Public Inquiry on behalf of a local planning authority relating to noise impacts for a proposed open-cast mine site in a rural location. This included detailed review of noise and vibration predictions, particularly associated with the preliminary earth works where impacts were at their greatest.

2008/09 *Owen Street Redevelopment, Manchester (UK)*

Preparation of Noise and Vibration Chapter covering noise and vibration impacts for a mixed use scheme incorporating 5 hi-rise towers, the tallest being over 40 storeys high. Included in the assessment was major construction works to the banks of the River Medlock and protection of the listed Knott Mill structure from vibration impacts during piling work.

2007 *Newport Riverside Park (UK)*

Preparation of Noise and Vibration Chapter for an Environmental Impact Assessment (EIA) in relation to a new riverside park and walkway which included major construction works to the river embankment for the River Usk.

Employment History

WSP Group

2013-Present – Associate Director

AECOM Australia Pty Ltd

2010-2013 – Team Leader – Acoustics / Specialisms Leader

WSP Group

2005-2010 – Principal Acoustic Consultant.