



SEAN FLAHERTY

SENIOR ENGINEER

AREAS OF EXPERTISE

- Noise Monitoring
- Environmental Noise & Vibration Assessment
- Building / Architectural Acoustics
- Electroacoustics
- Environmental Noise & Room Acoustics Modelling
- Expert Witness

QUALIFICATIONS

- Bachelor of Science (Audio) (Hons)

OH&S / SAFETY

- OH&S Construction White Card

AFFILIATIONS

- Member, Institute of Acoustics (MIOA) (UK)
- Member New Zealand Acoustics Society (MNZAS)
- Member Australian Acoustical Society (MAAS)

EMPLOYMENT HISTORY

- 1997 – 1998 Undergraduate Position – Acoustics & Noise Control Group, Philips Research, Eindhoven, The Netherlands
- 2000 – 2005 Acoustic Design Engineer / Transducer Design Specialist, NXT plc Ltd, Cambridgeshire, UK
- 2006 – 2010 Acoustics Consultant, Golder Associates NZ Ltd, Christchurch, NZ
- 2010 – 2012 Senior Acoustics Consultant, URS Australia Pty Ltd
- Sep 2012 – Present Senior Acoustics Engineer, Wilkinson Murray

PROFILE

Sean has over 15 years of professional experience in the fields of acoustics, the latter 11 years focused on environmental noise & vibration impact assessment and building acoustics. He has consulted to a wide range of sectors and industries throughout New Zealand and Australia on numerous projects, routinely project managing and conducting environmental noise monitoring surveys; noise impact assessments; and acoustic design and verification work.

Sean is experienced in environmental noise and room acoustics modelling and additionally experienced in preparation and presentation of expert evidence at Council hearings.

A list of recent projects can be found overleaf.

TRANSPORTATION

- Pacific Highway Upgrade, Woolgoolga to Balina – Detailed Design Assessment
- Pacific Highway Upgrade, Woolgoolga to Glenugie – Detailed Design Assessment
- WestConnex Enabling Works – Road Traffic Noise Assessment
- NorthConnex – Construction Noise Assessments
- Chenani-Nashri Tunnel (India) – Mechanical Ventilation System – Detailed Acoustic Design
- Richmond Road Upgrade – Detailed Design Assessment
- Sydney Light Rail Project – Peer Review Assessment
- Holsworthy Commuter Carpark Extension – TfNSW Construction & Operational Noise Assessment
- Gordon Commuter Carpark Extension – TfNSW Construction & Operational Noise Assessment
- Waterfall Station Upgrade – TfNSW Construction Noise Assessment and Compliance Monitoring

MINING / COMMERCIAL / INDUSTRIAL / RESIDENTIAL / OTHER

- Incitec Pivot, Ammonium Nitrate Facility, EIS Noise & Vibration Assessment
- Barangaroo South Commercial / Residential Development – Mechanical Services Noise & Vibration Assessment
- Fairfax Media Expansion, Plant Noise Assessment for Development Application
- Veolia Waste Transfer Facility, EIS Noise & Vibration Assessment
- Shellharbour Resource Recovery Depot, EIS Noise & Vibration Assessment
- Sargent's Food Manufacturing Plant; DA Noise & Vibration Assessment
- Queanbeyan Resource Recovery Depot, EIS Noise & Vibration Assessment
- Whitehaven Coal Mines, Cumulative Noise Modelling Assessment Considering Multiple Mine Sites and Stages
- Duralie Coal Mine, Rail Haulage Noise Audit
- Alpha Coal, 30 Mtpa Thermal Coal Mine, EIS Noise & Vibration Assessment
- Kevins Corner, 40 Mtpa Coal Mine and Rail Spur, EIS Noise & Vibration Assessment
- Russell Vale Colliery, Modification Assessment
- SITA Resource Recovery / Landfill Modification Assessment
- Noise Compliance Monitoring Assessments for Residents – Assessment against OLGR criteria (Office of Liquor, Gaming and Racing)
- Crane Bar & Restaurant, Section 96 – Extension of Hours – Noise Compliance Assessment
- Fernhill Estate, Noise Management Plan for the Management of Event Noise
- Garrison Retirement Centre, Building Assessment for Evidence in Tribunal Hearing
- Assessment of Building Defects and Acoustic Performance Testing for Existing Multiple Tenancy Residential Development, located in Botany, NSW
- Works undertaken on behalf of Strata Plan in relation to Supreme Court of NSW Case
- IAG Offices, Smales Farm Q4, Auckland – Offices and Call Centre
- Shorecare Medical Services, Smales Farm, Auckland – Offices
- Wilsher Village Development, Auckland – Residential
- Baiada Poultry Farms, Operational and Road Traffic Noise Assessment in relation to Land and Environment Court Proceedings