

**Curriculum Vitae**  
**NEIL GROSS**



**BSc (Hons) MPhil MAAS MIOA**

**Position** Director, Wilkinson Murray

- Qualifications**
- Master of Philosophy (Acoustics)
  - Bachelor of Science (Mechanical Engineering)
- Affiliations & Committees**
- Member of Australian Acoustical Society, National President 2004 to 2006 and Chairman NSW 2002 to 2004
  - Member of the Institute of Acoustics, UK
  - Australian Standard EV16 Wind Farm Noise

- Special Expertise**
- Environmental Noise – Resources & Construction
  - Transportation Noise – Road & Railway
  - Rail Vibration Isolation
  - Construction Vibration
  - Expert witness – Land & Environment Court

**Employment History**

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|----------------|----------------------------------------------------------------------------------------------------|
| 1982 – 1987    | Engineer, Wimpey Engineering                                                                       |
| 1987 – 1989    | Research Associate, Aston University                                                               |
| 1989 – 1991    | Acoustic Engineer, Wimpey Environmental                                                            |
| 1991 – 1992    | Acoustic Engineer, Wilkinson Murray Griffiths Pty Ltd                                              |
| 1992 – 1993    | Environmental Engineer, Environmental Resources Ltd seconded to the Jubilee Line Extension Project |
| 1993 – 1997    | Senior Acoustic Engineer, Wilkinson Murray                                                         |
| 1997 – Present | Director, Wilkinson Murray                                                                         |

## PROJECT EXPERIENCE

### ENVIRONMENTAL INCLUDING EIS/REF AND DA/BA/CC APPLICATIONS

#### ROAD

Numerous road traffic noise surveys, assessments and design advice including:

- Pacific Highway, Coopernook to Herons
- Pacific Highway, Oxley to Kempsey
- Pacific Highway, Woolgoolga to Wells
- Pacific Highway, Sapphire
- Pacific Highway, Coffs Harbour
- Pacific Highway, Yelgun
- Pacific Highway, Bonville
- Pacific Highway, Brunswick
- Bruxner Highway, Alstonville
- Pacific Highway, Gold Coast
- Pacific Highway, Raleigh Deviation
- SH23, Windale to Kotara
- Western Sydney Orbital
- F3, Ourimbah to Kangy Angy
- Great Western Highway, Shell Corner
- Great Western Highway, Donnybrook
- Liverpool to Parramatta Transitway
- M5 Casula Link
- Pennant Hills Road
- Horsley Drive, Wetherill Park
- James Ruse Drive
- Henry Lawson Drive
- Entrance Road, Wamberal
- City West Link Road
- Castle Hill Centre

#### RAIL

- Auburn Stabling Yard – EA
- Emu Plains Stabling Yard – Noise assessment
- Southern Sydney Freight Line – Construction Noise and Vibration Management
- Harris Park Y Link EIS for City Rail
- Forum Development, St Leonards – Noise and Vibration Assessment and Mitigation
- Eveleigh Affordable Housing – Rail Noise Assessment
- New Southern Railway – Peer Review of Mitigation Design
- Chatswood to Parramatta – Peer Review of EIS
- London Underground – EIS and mitigation Jubilee Line of Rail and Construction noise
- Booragul 777 Housing Development – Rail Noise Study
- Ultimo Pyrmont Light Rail Project – Noise and Vibration for REF
- Wattlegrove Housing Development – Noise Assessment and Mitigation

#### AIRCRAFT / HELICOPTERS

- Second Sydney Airport – Assessment for EIS
- Don Clark Tractors – Assessment of helicopter noise
- McCarrs Creek Road Helipad
- Ministry of Defence (UK) – Assessment of aircraft noise from 28 airfields
- London Bridge Heliport – Assessment of helicopter noise

#### INDUSTRIAL NOISE & VIBRATION CONTROL

- Castings UK – Vibration Assessment and control of a natural frequency conveyer
- British Airways Compressor House – Noise Assessment and Control
- Clyde Oil Platform – Measurement of oil pipeline vibration for model analysis
- Dendrobium Mine – Various Noise Control projects

**MINES & QUARRIES**

- Dendrobium Mine – Noise Compliance and Assessment
- Exeter Quarry – Noise and Transportation Study and EIS
- Cooma Road Quarry – Noise and Blasting
- Albion Park Quarry – Noise Assessment
- Greystanes Southern Employment lands – Blasting Review
- Bengalla Mine – Noise and Blasting Assessment
- Bungendore Sand Extraction
- Penrith Lakes
- Mittagong Sand Quarry
- Ardmore Park Quarry

**MISCELLANEOUS – INDUSTRIAL, ENERGY, RETAIL, WASTE / RECYCLING, ENTERTAINMENT, SPORTING, SCHOOL, CHILDCARE, RELIGIOUS FACILITIES**

- Woodlawn Wind Farm
- Kyoto Energy Park (Wind Farm / Solar and Mini Hydro)
- Taralga Wind Farm – Review
- Kurnell Desalination Plant
- ALDI Stores (NSW) – approximately 45
- Illawarra Water Treatment Plant
- Munmorah Gas Turbine
- Westfield Bondi Junction Redevelopment
- Elizabeth Drive Landfill
- Thornleigh Bio-remediation Facility
- St Mary's and Blacktown Material Recycling Facilities
- St Mary's Metal Recycling Facility
- Seven Hills Concrete Batching Facility
- Caltex Service Station, Pittwater Road
- Kirrawee Concrete Recycling Facility – Noise Study
- Parklea Markets – Assessment of Rock Concert Noise
- Sydney Showgrounds – Noise Monitoring of Speedway and Concerts
- Dubbo International Drag Strip
- Nowra Speedway
- Byblos Nightclub, Oxford Street
- Cronulla Hotel
- Hollywood Hotel
- Auburn Islamic School
- Willoughby Public School
- Montessori School, Bobbin Head Road
- Waratah Street Child Care Centre
- Yanko Road Child Care Centre
- Rockdale Child Care Centre
- Bradleys Head Road, Mosman Child Care Centre
- Roberts Road, Jannali Child Care Centre
- Free Church of Tonga
- Auburn Mosque
- Booragul Housing Development
- Wattle Grove Housing Development

**CONSTRUCTION NOISE & VIBRATION**

- Southern Sydney Freight Line
- Lane Cove Tunnel
- Cross City Tunnel
- Brisbane North South Tunnel Conveyer Review
- Kurnell Desalination Plant
- M5 East Filtration
- Yelgun to Chinderah, Pacific Highway
- Coopernook to Herons Creek, Pacific Highway
- Warragamba Dam Slipway
- Northside Storage Tunnel
- Centrepont Redevelopment Review
- Oyster Cove – Noise and Vibration Monitoring
- Sydney Harbour Casino – Vibration Monitoring
- 400 George Street (Section 102)
- 388 George Street (Section 102)
- M5 Casula Link – Construction Noise and Vibration Assessment
- Jubilee Line Project (UK) – Construction Noise and Vibration Assessment
- Little Britain (UK) – Monitoring of building vibration at eight locations for risk of damage to structures, sensitive computer plus annoyance to humans

**BUILDING / ARCHITECTURAL INCLUDING MECHANICAL SERVICES**

- Forum Development, St Leonards Station
- Garvan Institute of Medical Research
- University of Western Sydney Lecture Theatres
- SBS Radio Studios, Artarmon
- National Mutual Refurbishment
- Bondi Junction Uniting Church
- Westpac, 60 Martin Place

**LEGAL – L&E COURT / POLICY / PANEL HEARINGS**

- RTA, Review of Environmental Noise Management Manual
- SA EPA, Review of Draft Windfarm Guidelines
- Newcastle Coal Export Terminal – IHAP Panel Hearing
- Montessori School, Bobbin Head Road
- Yanko Road Childcare Centre
- Wiggs Road Industrial Facility Noise
- Amelia Street Scrap Metal Yard Operations
- Collaroy Adventure Centre
- Car Lovers, Marrickville
- KFC, Killara
- Duntroon Avenue – Rail Noise and Vibration
- Illawong Village Shopping Centre
- Rethmann Waste Facility, Botany
- Point Piper and Rose Bay Marina 2008 & 2009
- Double Bay Marina
- Winston Hills Hotel
- Sands Hotel, Narrabeen – Court Appointed
- Kings Head Tavern, South Hurstville
- Action Paintball, Hornsby – Court Appointed
- Curzon Hall Reception/Conference Venue, Ryde
- Asquith Bowling Club, Hornsby
- Stockland Mall, Merrylands – Court Appointed
- Port Stephens Motorplex
- Military Road Child Care, Mosman – Court Appointed
- 1<sup>st</sup> Choice Liquor, Maroubra – Court Appointed
- Chelmsford Road Residential, Asquith – Court Appointed
- Jordan Avenue Dog Kennels – Court Appointed
- Bradleys Head Road Child Care, Mosman
- Ardmore Park Quarry – Court Appointed
- Donnelly Road, Naremburn Childcare – Parties Single Expert
- Lindsay Street, Neutral Bay Childcare – Parties Single Expert
- Frenchs Forest Road, Seaforth Childcare
- Church Street, Hunters Hill Childcare
- Pittwater Inclinorator
- 103 Woolwich Road, Restaurant, Woolwich – Parties Single Expert
- Chisolm Street, Greenwich
- Yabba Yabba Function Centre, Blackheath
- Crystal Car Wash, Bondi
- Mill Hill Hotel, Bondi – Parties Single Expert
- Manning Road Childcare, Double Bay
- Grand Hotel, Bondi Junction
- Neighbourhood Shopping Centre, Warriewood
- Coogee Bay Hotel, Coogee
- Beach Palace Hotel, Coogee
- Clovelly Hotel
- McDonalds, Haberfield
- Military Road, Watsons Bay – Roof Terrace
- McDonalds, Eastlakes