



NEIL GROSS

DIRECTOR

AREAS OF EXPERTISE

- Environmental noise, particularly mines, quarries, ports & industry
- Transportation noise, particularly road, railway & aircraft (incl. helicopter)
- Construction noise & vibration incl. management plans
- Blast monitoring & assessment
- Industrial noise assessment & control, including occupational health & safety (noise) regulations
- Architectural acoustics including building vibration isolation

EMPLOYMENT HISTORY

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

PROFILE

Neil Gross is a Director of Wilkinson Murray and has over 30 years' experience in environmental and architectural acoustics and engineering noise control between the UK and Australia. His qualifications include a Master of Philosophy (Acoustics) and Bachelor of Science (Mechanical Engineering).

Following his training in the UK, Neil joined Wilkinson Murray in 1991 and has managed many of the environmental / transportation and architectural projects. This has included involvement in the following disciplines: road traffic noise; rail noise & vibration including groundborne noise isolation; construction noise & vibration; director responsible for airport noise; industrial noise including ports; mines & quarries; and the acoustic design of residential and commercial developments.

Neil's experience in transportation noise has been gained from extensive involvement in numerous projects, particularly associated with the Pacific Highway Upgrade. He has also had detailed involvement the construction noise and vibration approvals process for large infrastructure projects including community consultation.

Neil has been regularly engaged as an expert witness in the Land & Environment Court over the past 20 years, often as single parties' expert and provided input into various Government guidelines in relation to noise.

A list of projects can be found overleaf.

QUALIFICATIONS

- Master of Philosophy (Acoustics)
- Bachelor of Science (Mechanical Engineering)

OH&S / SAFETY

- WorkCover NSW OH&S Construction White Card

AFFILIATIONS

- Member, Australian Acoustical Society (MAAS)
- Member, Institute of Acoustics (UK)

COMMITTEES

- Standards Committee EV16 in relation to Wind Farm noise

ROLES

- Neil takes an active role in the Australian Acoustical Society as a Committee Member in NSW between 1996 and 2015 and Federal Council since 2002, being Chairman NSW from 2002-2004 and National President from 2004-2006.
- Neil has also served on the Executive of the Association of Australasian Acoustical Consultants (AAAC) as secretary.

AUTHORED CONTRIBUTIONS

- Noise Barrier Design Guideline (RMS).
- Noise & Vibration: Leading Practice Sustainable Development Program for the Mining Industry (DRET)

TRANSPORTATION

- M1 Motorway, Tuggerah to Doyalson
- Pacific Highway, Frederickton to Eungai
- Pacific Highway, Nambucca to Urunga
- Pacific Highway, Tintenbar to Ewingsdale
- Pacific Highway, Coopernook to Herons Creek
- 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
- Newell Highway, Boggabilla
- 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
- NorthConnex (M1 & M2)
- Pennant Hills Road
- Horsley Drive, Wetherill Park
- James Ruse Drive
- Henry Lawson Drive
- Entrance Road, Wamberal
- City West Link Road
- Second Sydney Airport (1990s)
- Sydney Airport Masterplan 2039
- Melbourne Airport Long Range Masterplan
- Perth Airport Runway Development Project
- Wolgan Valley Helipad
- Channel Nine Helipad
- Sydney Harbour Helipad
- Ministry of Defence (UK) Military Airfields
- London Bridge Heliport
- Sydney Trains Noise Audit
- Auburn Stabling Yard
- Emu Plains Stabling Yard
- Southern Sydney Freight Line
- Harris Park Y Link
- Ultimo Pyrmont Light Rail Project
- New Southern Railway
- Chatswood to Parramatta Rail Link
- London Underground Jubilee Line

CONSTRUCTION

- Wynyard Walk
- Darling Harbour Live
- Darling Square
- ICC Hotel
- Great Western Highway – Woodford to Hazelbrook
- Suncorp Plaza Refurbishment
- Auburn Stabling Project
- City East Cable Tunnel
- Southern Sydney Freight Line
- Platypus Remediation
- 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
- Centrepoint Redevelopment Review
- Oyster Cove
- Sydney Harbour Casino
- 400 George Street
- 388 George Street
- M5 Casula Link
- Jubilee Line Project (UK)
- Little Britain (UK)

ARCHITECTURAL/BUILDING

- Addison Road, Manly
- The Connaught, Sydney
- Gerralie Street, Cronulla
- 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

MINES & QUARRIES

- Vickery / Tarrawonga / Rocglen
- Maules Creek
- Sunnyside Mine
- Cadia East
- Tahmoor Mine
- Dendrobium Mine
- Exeter Quarry
- Cooma Road Quarry
- Albion Park Quarry
- Greystanes Southern Employment Lands
- Bengalla Mine
- Bungendore Sand Extraction
- Maroota Sand Quarry
- Penrith Lakes
- Mittagong Sand Quarry
- Ardmore Park Quarry

OTHER

- Barangaroo South Mixed-Use Precinct
- Darling Square Mixed-Use Precinct
- Woodlawn Wind Farm (including Sub-station)
- Kyoto Energy Park (Wind Farm / Solar, Sub-station & Mini Hydro)
- Taralga Wind Farm
- Warrawee Substation
- Kurnell Desalination Plant
- ALDI Stores (NSW) – approx. 100
- Illawarra Water Treatment Plant
- Munmorah Gas Turbine
- Westfield Bondi Junction Redevelopment
- Elizabeth Drive Landfill & SAWT
- Thornleigh Bio-remediation Facility
- St Mary's and Blacktown Material Recycling Facilities
- St Mary's Metal Recycling Facility
- Concrete Recycling Facilities at Camellia, Moorebank, St Peters
- Seven Hills Concrete Batching Facility
- Caltex Service Station, Pittwater Road
- Kirrawee Concrete Recycling Facility
- Moorebank Recycling Facility
- Old Man Valley Playing Fields
- Woollahra Playing Fields
- Parklea Markets – Assessment of Rock Concert Noise
- Sydney Showgrounds – Noise Monitoring of Speedway & Concerts
- Dubbo International Drag Strip
- Nowra Speedway
- World Rally Championship Noise Management Plan
- Byblos Nightclub, Oxford Street
- Cronulla Hotel
- Hollywood Hotel
- Auburn Islamic School
- Willoughby Public School
- Montessori School, Bobbin Head Road
- Waratah Street Child Care Centre
- Child Care Centres, Yanko Road, Rockdale, Bradleys Head Road, Roberts Road, Jannali
- Free Church of Tonga
- Auburn Mosque
- Tooheys / Lion Nathan Brewery, Lidcombe
- Booragul Housing Development
- Wattle Grove Housing Development
- Kings Hill – Motorway and New Interchange