



GEORGE JENNER

ASSOCIATE

AREAS OF EXPERTISE

- Environmental Noise – Road & Railway
- Architectural Acoustics

QUALIFICATIONS

- Master of Science (Acoustics)
- Bachelor of Acoustics

OH&S / SAFETY

- WorkCover NSW OH&S Construction White Card

AFFILIATIONS

- Member, Australian Acoustical Society (MAAS)

LANGUAGES

- English
- French
- Spanish

EMPLOYMENT HISTORY

- 1982 – 1983, 1988 Research Officer, University of NSW
- 1982 – 1991 Acoustic Engineer, Eden Dynamics & Rotor Dynamics
- 1992 – 1993 Senior Scientific Officer, UK Dept of Environment
- 1996 – 2001 Senior Engineer, Wilkinson Murray
- 2006 – Jun 2007 Senior Engineer, Wilkinson Murray
- Jul 2007 – Present Associate, Wilkinson Murray

PROFILE

George Jenner has a Bachelor of Science degree and has worked in acoustics since he graduated in 1983. He worked on research projects in traffic noise and finite element analysis at the University of New South Wales while finishing his MSc (Acoustics).

After 5 years as a consultant with Eden Dynamics and Robert Fitzell Acoustics he moved to the UK in 1991 to work as a senior scientist for the Department of Environment researching community response to noise.

He re-joined Wilkinson Murray Pty Limited in 2006 as Senior Engineer. His main expertise is in environmental and architectural acoustics.

TRANSPORTATION

- Albury Bypass
- Western Sydney Orbital
- Pacific Highway, Bulahdelah, Route Selection, Community Workshop, EA updates and compliance assessment
- M5 East
- Coopers Creek to Herons Creek, Pacific Highway Upgrade – EA, detailed design, compliance
- London Heliport Noise Assessment
- Liverpool-Hoxton Park Transitway
- Eastern Distributor
- Liverpool Busway
- Mamre Road Overpass
- Hume Highway Bypasses Route Selection
- Sandon Point (trains noise and vibration to housing development)
- Wagga Wagga Hospital Heliport
- Hume Highway Bypass, Tarcutta
- Hume Highway Bypass, Holbrook
- Hume Highway Bypass, Woomargama
- M5 West Upgrade – barrier design
- Victoria Road Busway and Iron Cove Bridge
- Trial application of draft *Road Noise Policy* to rural and urban motorways
- Southern Sydney Freight Line – EA, noise management plan and architectural treatments
- Mininbah Bank Third Rail Modelling for housing estates at Greta
- NorthConnex Tender and Construction
- M1 Pacific Motorway widening
- White Bay Noise Management and Control
- CSR Bulk Gypsum Facility, Glebe Island
- Hale Street Botany
- Darling Harbour Berths 9 and 10 Noise Assessment
- Olympic Passenger Vessel Monitoring
- White Bay Passenger Terminal
- DP World, Port Botany
- Revesby Station Commuter Carpark
- Holsworthy Station Commuter Carpark
- Sydney Light Rail Early Works Construction
- Clyde Junction Construction
- Rail noise to housing estates in Dubbo
- Rail and Road traffic to new apartments at Epping
- 99-101 Schofields Road, Schofields, Rail and Road traffic to new apartments

CONSTRUCTION

- F3 Freeway Widening
- F5 Freeway Widening
- Sydney Airport Runway Repaving
- Survey of Attitudes to Noise in UK
- Ryde Swimming Pool
- 379 Kent Street, Sydney
- Epping Railway Pedestrian Bridge
- Pacific Highway Upgrades – Coopers Creek to Herons Creek, Sapphire to Woolgoolga
- Busway along Victoria Road
- Pacific Highway, Sapphire to Woolgoolga – construction noise
- M1 Pacific Motorway
- B Line Busway and Commuter Carparks, Northern Beaches
- Commuter Carparks, Revesby, Holsworthy
- PredicTool noise modelling program

ARCHITECTURAL

- Riverside Brisbane Tower
- Commonwealth Bank Training Facility
- Darling Harbour Link Expansion conference rooms and auditoriums – room acoustics and vibration isolation of building
- 35 Clarence Street, Sydney
- 201 Kent Street, Sydney
- Sydney City Mission Studio
- Recommissioning and testing of UK Dept of Environment Laboratories
- American Express Headquarters
- Department of Community Services Offices
- Kingswood community Centre
- UTS Multifunction Hall
- Wollongong Council Organ auditorium study

MINES & QUARRIES

- Penrith Lakes Scheme
- Mount Arthur North
- Attunga Limestone Quarries
- Ulan Coal Mine Conveyance System
- AGL Gas Wells, Camden
- Shell Cove Quarry
- Mount Arthur North Consolidation Project
- BHP Ventilation Shaft Fans
- Wongawilli Ventilation Shaft Fans
- Port Kembla Coal Terminal Expansion
- Cadia Gold Mine

OTHER

- Kariong High School
- European School Brussels III
- Eastern Suburbs Rugby Club
- Petersham RSL
- Wenona School
- Gladstone Park Hotel
- Summer Hill Hotel
- Blues Point Hotel
- Cedars Tavern, Mt Druitt
- Tuggerah Lakes Golf Club
- ALDI Supermarkets
- McDonalds Greenstar
- Stockland Greenhills Shopping Centre
- Killarney Heights High School Rehearsal Room

**VIBRATION ANALYSIS &
DYNAMIC BALANCING**

- Condition monitoring of cable making machinery
- Balancing of Experimental Turbines to 300,000 RPM
- QE2 Liner
- Darling Harbour Link Auditorium Vibration Isolation
- City West Cable Tunnel
- The Kinghorn Cancer Centre (Garvan Institute)
– Animal Lab protection from construction vibration
- New Hotel at Eastwood Station

RESEARCH

- Finite Element Analysis of Guitars (UNSW)
- Noise Reduction of Domestic Windows (UNSW)
- Iterative Processes to improve accuracy of Finite Element Analysis (UNSW)
- Survey of Attitudes to Noise in UK