



ALEX MCLEOD

Principal Consultant/Director

QUALIFICATIONS

Ph.D
Monash University, 2007

B.Sc (environmental) (Hons)
Monash University, 2000

SUMMARY

Alex McLeod is a Principal Consultant in Tasmania and is located in Launceston. He is experienced in a wide range of sampling, monitoring and analytical methods and also has extensive experience in the use and application of GIS software. Since January 2008 Alex has been involved in a wide range of acoustic, air quality and vibration related activities

Alex is a Member of the Australian Acoustical Society (MAAS) and Clean Air Society of Australia and New Zealand (CASANZ).

KEY SKILLS AND AREAS OF EXPERTISE

Environmental Acoustics;
Environmental Noise Modelling (SoundPLAN, INM, TNIP);
WHS Acoustics;
Architectural Acoustics;
Air Quality measurement, modelling (TAPM, CALPUFF) and assessment;
Atmospheric dust fall monitoring;
Ground vibration and air blast overpressure measurement and prediction;
Vibration condition monitoring;
Project Management.

RECENT PROJECTS

Central Coast Grammar School (Erina, NSW) – Performing Arts Centre acoustic design – *CBM*.

Planetshakers (Melbourne, Vic) – Function Centre acoustic design – *CBM*.

Myer Hobart reconstruction (Hobart, Tas) – Historic building ground vibration monitoring during piling activity – *Hutchinson Builders*

**Tarkarri
Engineering**



Air Quality • Acoustics • Environment • Vibration

Evans Head Airpark (Evans Head, NSW) – INM modelling of aircraft movements – *Evans Head Airpark*

Aluminium Smelter (Bell Bay, Tas) – Environmental noise survey and modelling – *Pacific Aluminium*.

Diesel reciprocating engine and diesel fired turbine emergency power generation (multiple sites, Tas) – Environmental noise and air quality modelling and assessment – *Hydro Tasmania*

Gas-fired reciprocating engine co-generator air quality modelling and environmental noise modelling (Perth, WA and Canberra, ACT) – *University of Western Australia* and *Australian National University*

Gas turbine power station (Bell Bay, Tas) – Environmental noise survey and modelling – *AETV Power*.

Coal mine (Stradford, NSW) – Real time noise model – *Gloucester Coal*

Limestone mine (Railton, Tas) – Development of air blast overpressure prediction calculator – *Cement Australia*

Dilston Bypass (Tamar Valley, Tas) – Historic building ground vibration monitoring during road construction – *Shaw Contracting*

Sewage treatment plant odour emissions modelling (Brighton, Tas) – *Brighton Council*.

Sewage treatment plant CALPUFF odour emissions modelling (Lower Molonglo Water Quality Control Centre, ACT) – *CEE*.

Sewage treatment plant CALPUFF odour emissions modelling (Blackmans Bay, Tas) – *CEE*.

Odour control unit performance testing (Ulverstone, Tas) – *Netco Pumps and Equipment*.