

## *Terry George*

Terry has over 20 years experience, practicing as an acoustical engineer in Western Australia. Terry has been involved in a wide range of acoustical issues and undertaken numerous projects with regards to environmental noise. This can cover many fields such as industrial, mining and construction, as well as commercial uses such as entertainment venues, shopping centres, dog kennels etc. The assessments have included measurement, predictive modeling, source identification and noise control design. Terry prides himself in providing the client with the information they require in a timely manner.



## *Qualifications*

Terry's **qualifications** and **professional memberships** are:

- Bachelor of Engineering (Mechanical) degree with 1<sup>st</sup> Class Honours from the University of Western Australia (1996);
- Approved Noise Officer (No. 07030);
- Member of the Australian Acoustical Society; and
- Institute of Engineers Australia (No. 1406934).

## *Projects*

**Relevant Environmental projects** have included:

- **Karratha City Core Project** - This is a proposed residential and commercial development and as such design advice was provided for façade construction of the new residences as well as general guidelines for the commercial aspects. In addition, site measurements were undertaken for the existing adjoining shopping centre including the loading dock and rooftop mechanical plant.
- **Lakeside Shopping Centre Joondalup** - As part of the construction of the new shopping centre and carpark, a detailed assessment was undertaken of the mechanical plant during both the design and construction phases. This included assessing the noise and providing recommendations in terms of attenuator selection and construction requirements for plant rooms.
- **Whitford City Shopping Centre** - This project is currently still applying for Council approval in order to expand the current shopping centre. As the design is in its infancy, noise modeling of the loading docks and mechanical plant were based on file data.
- **Wellard Shopping Centre** - As part of a new subdivision, a new local shopping centre was to be constructed. Our assessment included detailed assessment and recommendations for mechanical plant and an assessment of loading dock noise.
- **Wembley Downs Shopping Centre** - Following a fire through the local shopping centre, it was rebuilt including new mechanical plant. The mechanical plant was modelled and assessed with recommendations to achieve compliance. An assessment of the loading dock was also undertaken and negotiations between the developer, local government and residents resulted in improved acoustic amenity.