

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 noise measurement, predictive modelling (using programs such as *SoundPlan*), 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 1st Class Honours from the University of Western Australia (1996);
- Approved Noise Officer (No. 07030);
- Member of the Australian Acoustical Society (currently on committee of Western Australian Division); and
- Institute of Engineers Australia (No. 1406934).

Projects

Transportation projects have included:

- **Perth Bunbury Highway** - Project involved monitoring noise prior to project construction. Prediction of road noise to adjacent receivers and then designing walls to satisfy project brief as well as detailed consultation with the Department of Regulation. Following construction, noise monitoring was undertaken to confirm the noise objectives had been satisfied.
- **Kwinana Freeway Widening** - Project included monitoring noise prior to construction as well as following construction to confirm noise level objectives were satisfied. Close consultation with the road construction team to optimize noise wall heights. Initial stage of project was from Leach to Roe Highways with an extension for the southbound carriageway from Glen Iris Bridge to Berrigan Drive.
- **Reid Highway Extension** - Unique in that noise walls were considered for a small section east of West Swan Road with other affected houses provided architectural treatments.
- **Mitchell Freeway Extension** - Assessment of road noise and barrier design with regards to the proposed extension from Hodges Drive to Burns Beach Road. Included noise level measurements before and after the road project.
- **Tonkin Highway Extension** - Ambient noise level monitoring prior to opening and prediction of future traffic noise levels between Mills Road East and Mundijong Road. Where criteria was exceeded, the design of appropriate noise barriers. Also involved in noise and vibration monitoring for the contractor during construction and development of noise and vibration management plans.