

Olivier Mallié

Olivier Mallié has over 9 years experience practicing as an acoustical engineer in Western Australia. He has been involved in a wide range of environmental noise projects in WA and interstate from his working for various consultancies over the years. Prior to joining Lloyd George Acoustics, Olivier worked as a Noise Regulation Officer at the Department of Environment and Conservation (DEC).



Through his strong background in engineering and professional experience, Olivier acquired detailed knowledge of the *Environmental Protection (Noise) Regulations 1997*, and developed a sound understanding of environmental noise impact assessment and industrial noise control. He is committed to provide professional and honest advice to his clients and to carry out his duties with integrity and openness.

Qualifications

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

- MPhil (eng) with professional experience, Cardiff University , 2004;
- Approved Noise Officer (No. 09027);
- Member of the Australian Acoustical Society.

Projects

Environmental projects have included:

- **Beatons Creek Gold Project** - Included on site noise measurements of ambient noise, the development of 3-dimensional noise model of various mining scenario and a detailed report which formed part of the environmental impact assessment.
- **Perth Stadium** - A significant future landmark in Perth, the Perth Stadium Design Brief was comprehensive and a 3-dimensional noise model including such noise sources as mechanical plant, patrons within stadium and crowds in the Precinct was developed to ensure the Brief requirements were met. Concerts noise modelling was also undertaken to inform the Venue approval process (Regulation 19B).
- **Port Hedland Cumulative Noise Study** - Developed the study Consultant Brief while as a noise officer with DEC. Reviewed the study report and its outcomes and informed Department of State Development, Department of Health and the Town of Port Hedland of the study's implication on future planning considerations for the Town.
- **ALCOA Pinjarra Refinery** - Developed complete 3-dimensional noise model of the refinery which included on site measurements of all existing operations and far-field noise surveys for model calibration. Once calibrated, the model was used to identify significant noise sources and noise control options.
- **ALCOA Wagerup Refinery** - Conducted extensive noise monitoring involving detailed noise surveys within plant and far-field measurements to inform the regulation 17 process. Survey data was analysed and used to identify most significant noise sources, sources of tonal noise and noise control measures.