

## William Reeve

Acoustic Engineer



William finds the wide range of projects encountered in environmental acoustics particularly interesting and his recent work includes assessments of noise from hospitality and function venues, various industrial sites, aircraft and many other sources.

He enjoys the opportunity to learn the workings of different noise generating operations and translating this into a realistic and reasonable estimation of the noise which may be produced. This has been a key aspect in several of William's projects, including aircraft noise modelling and measurement work associated with a proposal to rezone land in Blenheim in the vicinity of Omaka airfield (Plan Change 59).

Lately, William has also appreciated seeing developments on which he has provided design advice taking shape around Christchurch. He has recent experience in notable mixed use developments such as the Terraces retail and commercial complex in Christchurch and the Forte Health surgical hospital.

### Recent projects – Environmental acoustics

- Plan Change 59, residential land rezoning, Blenheim
- Selwyn Quarries extension, Canterbury
- Arrowtown Sports and Recreation Centre, Jack Reid Park, Arrowtown
- Niagara Sawmill, ongoing noise mitigation works, Invercargill
- RD Petroleum 24 hour fuel facility, Arrowtown
- Various function venues in Canterbury including Valley of Peace, Omarino Wine Park and Annandale Homestead

### Affiliations

- Member of the Acoustical Society of New Zealand (MASNZ)
- NZ Site Safe Consultants Passport

### Recent projects – Building acoustics

- Forte Health surgical hospital, Christchurch
- Environment Canterbury Regional Council building development, Christchurch
- The Terrace, mixed use development, Stages 1 and 2, Christchurch
- Regional Centre for Science, Innovation and Technology, University of Canterbury
- Halswell Primary School, Stage 1 teaching blocks, Christchurch
- Ashburton Hospital Redevelopment AAU and Theatre space

### Qualifications

- Bachelor of Mechanical Engineering with Honours – University of Auckland (2011)