Our environmental scientists, engineers and engineering geologists can assist you with assessment and management of noise and vibration. We have experience in all aspects of noise and vibration management.

This includes obtaining and complying with resource consents, and developing practical solutions to manage noise and vibration issues. We are environmental acoustics specialists, able to measure, predict and assess environmental noise.

Our expertise also includes vibration monitoring and mitigation - from production blasting at quarries to construction rock-breaking and pile-driving.

We understand the regulatory environment and can guide you through the consent process. Our involvement will help you comply with resource consents and local authority rules. We have practical construction experience and can implement noise and vibration mitigation and control measures while liaising with council and communities.

**Expertise**

*We offer a range of specialist services to assess and manage noise and vibration:*

- Assessment of environmental effects
- Preparation of resource consent applications
- Noise and vibration measurement surveys
- Construction noise and vibration management
- Development of noise and vibration mitigation measures and management plans.

**Assessment of effects on the existing noise environment**

We have completed noise and vibration studies and prepared supporting documentation for consents for a wide range of activities. These include residential and commercial developments, industrial facilities and large roading construction projects.

Our team can prepare vibration attenuation calculations that consider local geology and demonstrate the effects of a proposed activity. We also provide expert evidence on vibration and air overpressure to support consent processes.

**Noise and vibration surveys**

We conduct baseline noise and vibration measurement surveys and complete compliance monitoring using laboratory calibrated instruments. We can also prepare compliance reports for regulatory authorities and liaise with council.

**Construction noise management**

We prepare noise prediction screening assessments to determine appropriate mitigation measures and demonstrate compliance with local noise standards. Screening assessments can be used to evaluate different noise mitigation techniques and develop practical noise management solutions for different project phases.

**Noise mitigation**

Drawing on considerable experience, we are able to design practical and cost-effective noise mitigation packages.

**Noise and vibration management plans**

Our construction noise and vibration management plans assist contractors to meet consent requirements.