



Tonkin & Taylor

Water Quality

Water Quality

The team of ecologists and water quality scientists at Tonkin & Taylor (T&T) offer a wide range of skills and experience in relation to water quality and ecology issues such as:

- Environmental Assessments
- Environmental Monitoring.

Environmental Assessments

Ecological, sediment and water quality assessments can be required for resource consent applications. T&T undertakes technical investigations from the initial monitoring design phase through to the presentation of results and recommendations as follows:

- design of monitoring programmes
- literature review
- water quality sampling of discharges, and fresh and marine waters
- freshwater, marine and terrestrial ecological field investigations
- laboratory analysis of freshwater macroinvertebrate samples
- statistical analysis (including habitat and community indices) and interpretation of results
- assessment of effects
- interpretation of planning and Resource

Management Act requirements

- application of water quality and sediment quality guidelines to results
- reporting and presentation of results
- recommendations (including possible mitigation).

The water quality/ecology team has specialist expertise in the following areas:

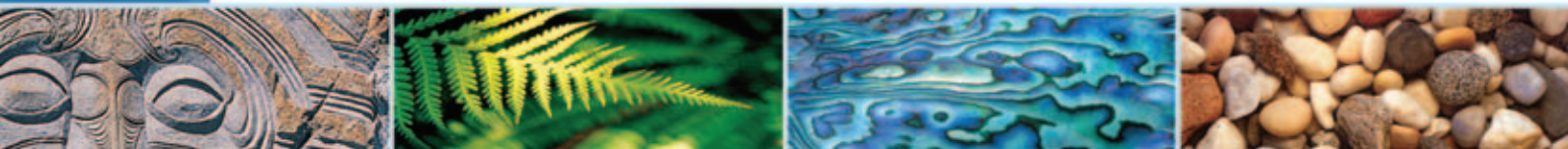
- freshwater and marine ecosystems
- terrestrial ecosystems
- water quality (marine, freshwater)
- sediment quality (marine, freshwater).

Environmental Monitoring

Environmental monitoring can be required for resource consent applications, to monitor compliance with resource consent conditions. The water quality/ecology team will undertake water quality, sediment quality and ecological monitoring, and present results as required under conditions of consent.

For more information please contact [Peter Roan](#) or [Tim Fisher](#).

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ENVIRONMENTAL AND ENGINEERING CONSULTANTS