

Our Services

Ecological Assessments and Effects Monitoring



PDP has ecologists and environmental scientists who can undertake marine, freshwater and terrestrial ecological assessments, to meet the requirements for Assessment of Environmental Effects and compliance for resource consents.

Ecological related services that we provide include:

- › Scientific design of monitoring and sampling regimes
- › Water quality and sediment sampling and analysis
- › Macroinvertebrate sampling and analysis investigations (marine and freshwater)
- › Habitat assessments and ecological valuation
- › Recommendations for riparian restoration and mitigation
- › Application of ecological indices and interpretation of results
- › Assessment of Environmental Effects for resource consent applications
- › Compliance monitoring to meet resource consent requirements

Typical PDP projects:

- › Survey of stream riparian habitats as part of a catchment management plan.
- › Assessment of stream health and prioritisation of stream channels for rehabilitation work.
- › Review and interpretation of ecological assessment results in relation to meat processing wastewater discharge into a river.
- › Desktop assessment of invertebrate diversity, fish diversity and water quality of streams adjacent to an irrigation area.
- › Review and interpretation of ecological assessment of a stream in relation to the environmental effects of backwash from a water treatment plant and in relation to the water extraction.
- › Investigation into riparian margin effectiveness in a forestry catchment.
- › Ecological assessment of the effects of a diffuse discharge of treated wastewater on coastal invertebrates.

Contact us for more information on our ecology related services or to discuss how we can help you with your project.