



# Environmental Effects Assessment

## Our experience

Streamlined Environmental scientists Dr Ngaire Phillips and Dr Mike Stewart have considerable experience in assessing effects on freshwater and estuarine ecosystems as a result of human influences. We offer high quality services that can combine a diversity of approaches to provide “multiple lines of evidence”. Where required, we also utilise individually targeted approaches that focus on specific outcomes. We employ an holistic approach to our assessments, combining biological, chemical and physical knowledge to support scientifically defensible outcomes.

A particular focus of our work is assessing potential environmental effects associated with wastewater discharges. Our experience encompasses a variety of industrial activities, along with new and existing wastewater treatment plants (WWTPs). Clients are diverse and include (but are not limited to) manufacturers, developers, energy companies and municipal water treatment managers. We also provide technical advice on effects to affected parties, including local government, iwi and NGOs.

Environmental Effects Assessments can be complex. Our primary aim is to provide scientifically robust assessment of effects. We place considerable importance on project scoping, because we want to ensure that the outcomes we deliver are the outcomes that the client expects. In addition to our highly skilled consultants, we have an extensive network of like-minded, highly skilled contacts, from private industry, Crown Research Institutes and universities, whom we regularly work with. Our strategy is to put together the best possible team, which may require collaboration with other consultants.

## Project examples

- Reconsenting of wastewater discharge consents for Ravensdown Fertiliser, Napier (2020-current).
- Assessment of ecological and human health effects from the discharge of MBR treated wastewater, Kingseat, Karaka Lakeview Ltd (2020-current).
- Reconsenting Kinleith Mill's wastewater discharge consents, Oji Fibre Solutions (2019-2021).
- Reconsenting of wastewater discharge consents for Motenui and Waitara Valley plants, Taranaki, Methanex Ltd (2020).
- Snells-Algies WWTP discharge consent - ecological assessment for variation to short-term consent, Watercare Services Ltd (2021).
- Assessment of adverse effects from oil and grease discharges, Meridian Energy Ltd (2019-2020).
- Water quality assessment at Marsden Point oil refinery to inform resource consent renewal applications, Refining NZ (2019-2020).
- Assessment of ecological effects on the receiving environment associated with the discharge from the proposed membrane bioreactor wastewater treatment system for Lakeside development near Te Kauwhata, Lakeside Developments 2017 Ltd (2017-2018).