

## Our Services

### Industrial Wastewater Management



Management of industrial effluent is a complex and demanding task where stringent environmental standards and production needs must be balanced. At PDP we find cost-effective solutions for a range of wastewater types.

Wastewater management services that we provide include:

- › Assessment of best practical treatment and disposal options
- › Environmental effects assessment
- › Detailed design of physical, chemical and biological treatment systems
- › Bench and pilot scale treatment studies to optimise performance
- › Construction management
- › Operational advice
- › Performance review and 'troubleshooting' advice
- › Land disposal assessment
- › Wetland treatment systems design
- › Provision of expert evidence for hearings

Typical PDP projects:

- › Meatworks wastewater treatment system for flow of 2,000 m<sup>3</sup>/d. Engineering investigation, design, consents, construction management and commissioning of activated sludge pond, anaerobic treatment, clarification of final effluent and wetland.
- › Consent applications and design of upgrade facilities to remove nutrients from abattoir wastewater and design of land disposal system covering 100 ha of pasture.
- › Evaluation of combined meat processing, rendering and tannery operations to reduce nitrogen discharges into a low flow river system.
- › Procurement of resource consents for the disposal of primary treated wastewater from a medium density fibreboard plant onto land.
- › Identification and assessment of leachate treatment and disposal options and preparation of resource consent applications for proposed large regional municipal landfills.

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