

Our Services

Municipal Wastewater Management



At PDP we provide specialist engineering and scientific services in sewage treatment and disposal and in development of sewerage infrastructure. Current technology is applied to obtain the most effective solutions for both treatment and disposal.

Wastewater management services that we provide include:

- › Best practical treatment options assessment
- › Assessment of disposal options
- › Environmental effects assessment
- › Provision of expert evidence for hearings
- › Detailed design of physical, chemical and biological treatment systems
- › Construction management
- › Design of sewerage systems and infrastructure
- › Operational advice
- › Performance review and 'troubleshooting' advice
- › Land disposal assessment
- › Wetland treatment systems design

Typical PDP projects:

- › Municipal sewage treatment and disposal system for residential area within a sensitive coastal resort. Resource consents, engineering, construction and commissioning of aerated lagoons and spray irrigation of treated effluent in a plantation forest.
- › Investigation of operational problems and upgrading options for aerated lagoon and wetland system.
- › Investigation of flow, load capacity and upgrading options to double capacity of existing treatment plant.
- › Investigation of land disposal options for 60,000 m³/d for city council, including hydrogeological investigation and modelling plus concept design.
- › Advisors to a district council evaluating treatment and disposal options for new sewage treatment plant handling inflow ranging from 500 m³/d to 5,000 m³/d. Preparing resource consents and design of disposal system using forest irrigation, wetland seep and rapid infiltration.

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

www.pdp.co.nz

Auckland: +64 9 523 6900 auckland@pdp.co.nz Wellington: +64 4 471 4130 wellington@pdp.co.nz Christchurch: +64 3 363 3100 christchurch@pdp.co.nz

