

## Our Services

### Water Supply and Irrigation



At PDP we provide specialist engineering and scientific services to ensure the most effective solutions for your water supply and irrigation requirements.

Water supply services that we provide include:

- › Water supply and reticulation system detailed design
- › Water treatment system design
- › Hydrogeological and hydrological assessment
- › Preparation of Assessments of Environmental Effects
- › Management of construction
- › Design of monitoring systems
- › Expert assistance for consent hearings
- › Procurement of resource consents
- › Environmental assessment

Typical PDP projects:

- › Resource assessment, exploratory and production drilling, aquifer assessment, design and construction management of well fields to provide municipal supply.
- › Assessment of groundwater resources for development of pilot well of 25 L/s capacity. Included assessment of geological data from oil programmes, resource availability potential and arranging and supervising drilling of a test production well to 800 m depth.
- › Pump testing, assessment of long-term yield and management of drawdown and water quality issues for public water supply, irrigation and industrial use wells with yields up to 80 L/s.
- › Feasibility study, preparation of resource consents for stock and farm water irrigation scheme covering 12,000 ha.
- › Detailed investigation, modelling and engineering design of river gallery intake system for municipal water supply.

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