

## Our Services

### Waste Landfills



Waste landfills are complex engineering facilities with sensitive environmental and community issues. The costs of achieving and maintaining regulatory compliance are significant. At PDP we provide comprehensive solutions for developing and managing a range of solid waste landfills.

Waste landfill services that we provide include:

- › Investigation of municipal refuse, wood waste and hazardous waste landfills, cleanfills and mine tailings
- › Site suitability assessment
- › Geological, geotechnical and groundwater programme investigations
- › Landfill engineering
- › Leachate management and treatment
- › Stormwater management
- › Design of monitoring programmes
- › Preparation of landfill management plans
- › Management of resource consent applications
- › Provision of expert evidence for regulatory hearings
- › Management of public consultation programmes

Typical PDP projects:

- › Site selection, hydrogeological investigations, stormwater and leachate management design for new regional municipal landfill.
- › Study for new landfill in basalt rock quarry in aquifers used for public drinking water supply.
- › Studies of leachate migration at existing landfills. Hydrogeological assessments of alternative sites.
- › Leachate treatment and disposal assessment for proposed 30M m<sup>3</sup> regional municipal landfill.
- › Initial site report, preparation of assessment of environmental effects and engineering development of a 11M m<sup>3</sup> industrial waste landfill
- › Preliminary assessment of environmental effects from six operating landfills including detailed groundwater contamination studies and assessment of long term refuse management options.
- › Member of Peer Review Committee for operating regional municipal landfill.

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

[www.pdp.co.nz](http://www.pdp.co.nz)

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