

## Bluegums Landfill

The Bluegums Landfill Site, located only 4 km from the city of Blenheim, was selected in 1995 to provide residual solid waste disposal for the growing Marlborough region. Initial development of the site identified the need for a robust engineering approach due to the site's difficult ground conditions and topography.

Tonkin & Taylor has assisted Marlborough District Council with progressive development of the site to what is today a state-of-the-art, highly engineered and very efficient landfill site.

### Project Data

Owner - Marlborough District Council.

Tonkin & Taylor Involvement - Technical advisory services related to liner design, development of liner and fill envelope designs, ongoing phase development planning from Phase 2, design and construction supervision, LFG system design and consent services.

Landfill Volume - 2 Mm<sup>3</sup>.

Footprint Area - 20 ha.

Liner - Clay and GCL/geomembrane.

Landfill Gas Control - Progressive vertical extraction well development, with active extraction and flaring.

Waste Input - 50,000 tpa.

Commenced Filling - 1996.



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