



Tonkin & Taylor

Landfill Full Cost Accounting Guide

The Landfill Full Cost Accounting Guide and associated Model were developed as a key plank in the Ministry for the Environment's landfill programme, aimed at getting both industry and New Zealand-wide recognition of the full cost of landfill disposal of solid waste. This was a critical step in achieving realistic pricing of waste disposal systems - an essential step towards closure of sub-standard landfill sites, proper provision for site aftercare and closure costs, and critically, in providing a major spur for recycling and waste reduction initiatives. Simply put, recycling initiatives were formerly doomed to failure given a situation where the actual cost of landfill disposal was neither recognised, nor being properly provided for.

The Model was developed by Tonkin & Taylor from first principles based on earlier in-house work and related published information. Since its publication the Model has become recognised as the "industry standard" in New Zealand. It is now regularly downloaded from the MFE website and is being used by landfill practitioners and solid waste planners around the world.

Project Data

Owner - Ministry for the Environment.

Tonkin & Taylor Involvement - Project management, concept formulation, design and

development of model, guide document and user guide, software support.

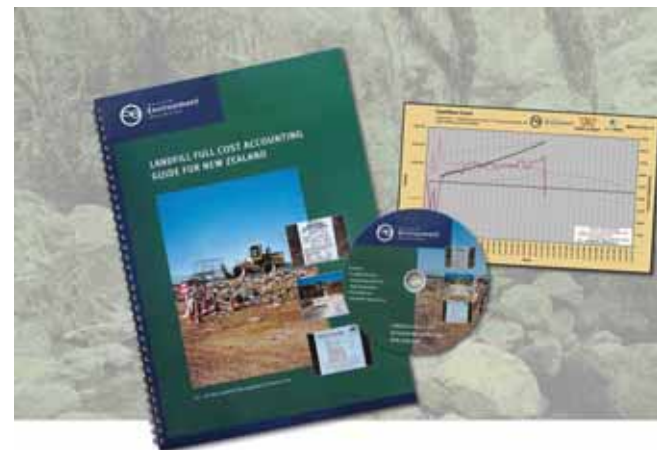
Subconsultants - Ernst & Young, Envirowaste Services Ltd.

Project Date - 2001/2002 with subsequent model updates/enhancements in 2003, 2004.

Awards - New Zealand Engineering Excellence Awards 2005 Finalist, Category H: Sustainability and Clean Technology.

Outputs - 114 page published guide document, CD ROM and web-based model software.

Link - www.mfe.govt.nz/publications/waste/landfill-full-cost-accounting-guide-Mar-04



www.tonkin.co.nz

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