



## Planting Plans and Revegetation Advice

Tonkin & Taylor's Terrestrial Ecology team is experienced in designing revegetation plans for a diverse range of projects.

### Expertise

T&T has expertise in revegetation associated with:

- Resource management planning - ecological mitigation and compensation of adverse effects
- Stormwater management - planting for erosion control and stormwater treatment
- Geotechnical engineering - planting for land stabilisation
- Contaminated land - site rehabilitation
- Urban and landscape design - amenity planting
- Carbon 'farming' - planting to generate carbon credits.

Key skill areas include:

- Survey and evaluation of vegetation to assess, for example, District Plan tree protection, significant vegetation areas, riparian buffer offsets
- Revegetation planting plans as required for resource consent applications, or to meet conditions of resource consents
- Review of landscape plans to ensure compliance with council requirements
- Site preparation advice incorporating weed and animal pest control programmes and planting techniques
- Maintenance and monitoring programmes
- Practical information for planting, including materials and methods, cost estimates, numbers, density and layout.

### Experience

Recent projects include:

- Pre-development vegetation assessments, various clients
  - Survey and assessment of vegetation
  - Consent requirements for vegetation removal
  - Identification of significant vegetation
  - Management options and planning for mitigation replanting
- Revegetation planting plans for individual sites, various clients
  - Mitigation for vegetation removal, visual amenity planting, and stabilisation of coastal cliffs.
- Hunua Quarry Vegetation Management Plan, Winstone Aggregates
  - Development of a long-term Vegetation Management Plan as mitigation for forest removal, involving large-scale native replanting and extensive animal and weed pest control.
- Hobsonville SH 16/18 deviation, HEB Construction Ltd
  - Revegetation of the new west Auckland highway alignment as mitigation for the removal of vegetation and streams. We provided expert ecological input to landscape design to ensure that plans met regulatory consent conditions.
- Newmarket Viaduct replacement, Northern Gateway Alliance
  - Development of a Biodiversity Implementation Plan to provide strategic direction and practical advice for native plants and animals, within a cultural, historical and ecological context in a heavily urbanised motorway environment.