

Tonkin & Taylor

Wattle Downs Coastal Management

## Wattle Downs Coastal Management

### Client

Manukau City Council.

### Project

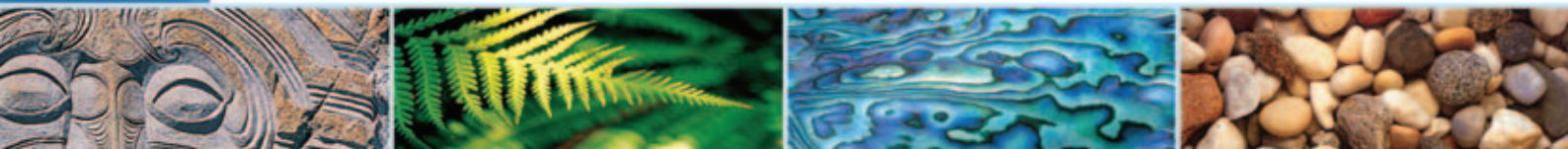
Technical investigation of coastal erosion along 4 km of shoreline within the Manukau Harbour. The study focused on reducing the erosion hazard risk to Council assets and private property through the formulation and implementation of management strategies. The project included detailed design and construction of new seawalls, low crested breakwaters with planting, beach replenishment, stormwater outfalls upgrades and slope management.

### Services provided

- Project scoping
- Coastal process assessment
- Development of management strategies
- Detailed design of hard and soft coastal protection solutions
- Assessment of environmental effects
- Consultation
- Construction supervision.



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