

# Waimea Inlet Management Strategy

Record of Achievement – 2022



The Waimea Inlet Management Strategy was created in 2010 to bring together groups committed to the sustainable future of the Waimea Inlet. These groups include Nelson City and Tasman District Councils, Tasman Environmental Trust, Department of Conservation, Fish and Game, Te Tau Ihu/Te Tauihu iwi, and other local community organisations.

In 2015, these groups formed an inter-agency coordination group to commit resources to the Strategy, creating the Waimea Inlet Action Plan in 2019. Together we have been implementing this plan and making significant progress in protecting and restoring the health of the Inlet.

This document details what the Coordination Group achieved from 2010 to 2022.



### Environmental research

We mapped and recorded 59 significant natural habitat sites around the Inlet (2008-2013)

We launched the *Core and Restore Blue Carbon Pilot Programme* with core sample and tea bag experiments (2021)

### Sewage treatment

A new pipeline was installed from Monaco to Bell Island (2011)

Pump stations at Beach Road and Saxton Road were upgraded (2011)

Seven major upgrades to the sewerage treatment plant took place (2007-2012)



## Planting

Volunteer groups undertake habitat restoration projects around the Inlet on a weekly basis. *Battle for the Banded Rail* volunteers have recorded 11,500 hours alone (2010-2022)

We restored planting on Bell Island's western sandspit and northwest foreshore post-logging (2011-2021)

Weekly weed maintenance is undertaken by community groups (2020-2022)

We restored Dominion Flats following damage to coastal habitat by highway construction (2013-2022)

Various habitat restoration projects are taking place, including the *Research Orchard Road* and *Pearl Creek* projects (2010-2022)

We are undertaking ongoing habitat restoration at Tahunanui Beach and Whakatu Drive (2010-2022)

We are trialling salt marsh restoration (2022)

We restored Poorman Valley Stream through planting and stream remediation (2010-2011)

## Community engagement

We developed a work programme with Waimea College and Mapua Primary School students for restoration and pest management work (2017-2022)

We piloted the *Moturoa Wananga* project, training rangatahi in conservation skills (2020)

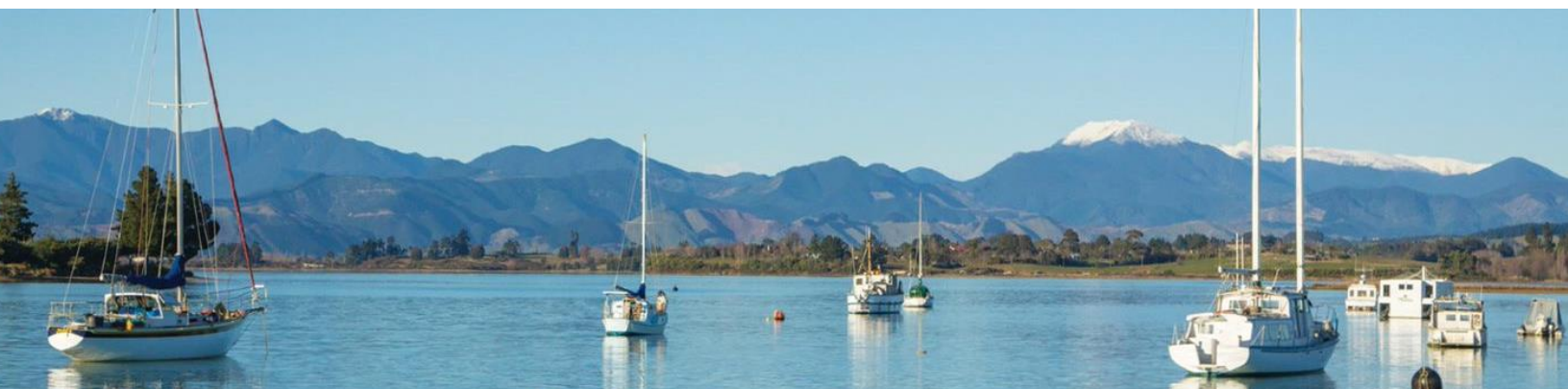
We developed the *Waimea Nitrate Project* to ensure all growers are taking steps to address nitrate levels in groundwater (2021)

We undertook community engagement on options for coastal management (2021)

We gave a series of Erosion and Sediment control courses which were attended by over 100 people (2020)

We implemented the Citizen Science programme *Litter Intelligence* to collect litter data and develop solutions (2019)

We started the *Drains to Harbour* and *Wai Māori* programmes in local schools (2020)







## Community infrastructure & planning

We constructed the *Tasman Great Taste Trail* along the Inlet shoreline from Richmond to Moturoa/Rabbit Island (2011)

We redeveloped a contaminated site in Māpua as a Waterfront Park following remediation (2011-2013)

We rezoned and created new rules for Richmond's shoreline to create an Open Space zone (2014)

We rezoned and created new rules for Māpua to mitigate flooding and coastal erosion (2015)

Signs are being installed at ecologically significant areas around Bell Island (2021-2022)

## Funding secured

We secured \$1m in Government funding as part of its *One Billion Trees* programme for 70,000 plants around the Inlet (2019-2023)

We secured \$1.6m in funding from MfE for further planting and ecological enhancement of the Inlet (2020-2025)

We secured funding from MfE for a \$2.1m project assessing and remediating in-stream structures for fish passages (2021)

The *Battle for the Banded Rail* project has secured over \$600k from various funding sources (2015-2022)



## Streams, rivers, and sediment

We realigned Lower Borck Creek, increasing capacity and restoring habitat (2010-2016)

We are restoring Neiman Creek and Pearl Creek (2010-2022)

We undertook gravel replenishment at Reservoir Creek (2021)

Rock armouring was installed at several locations around the Inlet to protect land from erosion (2010-2022)

Sediment monitoring programmes are in place around the Inlet and regularly analysed by council staff (2010-2022)

## Fauna

Volunteers undertake surveys every two years to find banded rail (2010-2022)

Volunteers undertook a survey to locate fernbirds (2017)

We continually monitor Back Beach Beetle populations (2010-2022)

We enhanced inanga spawning habitat around streams in Stoke (2020-2021)

We undertook monitoring to find shortjaw kokopu and lamprey using environmental DNA (2021)

We implemented tide gates and pipe connections between Pipers Park and York Stream for banded kokopu spawning (2021)

