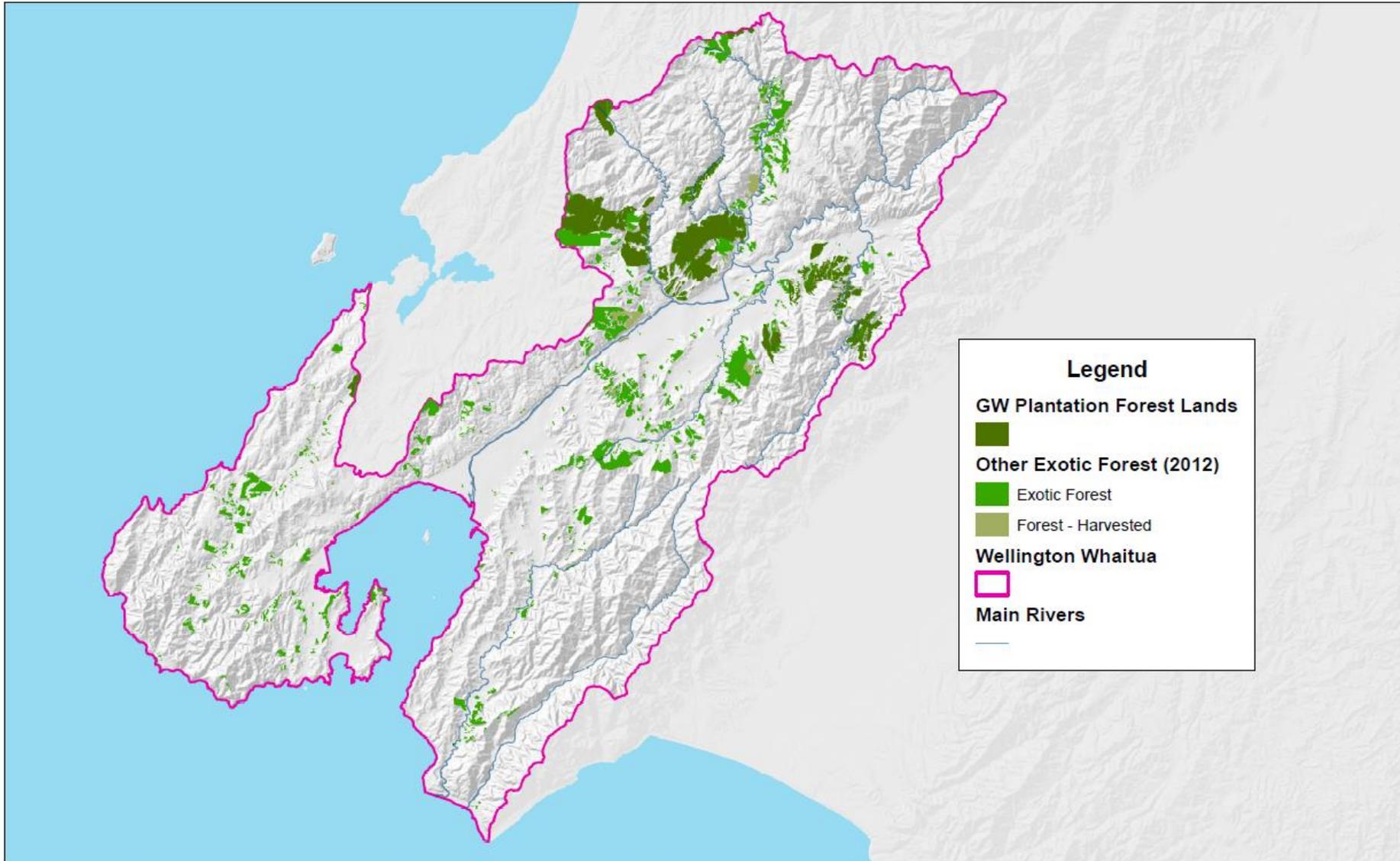


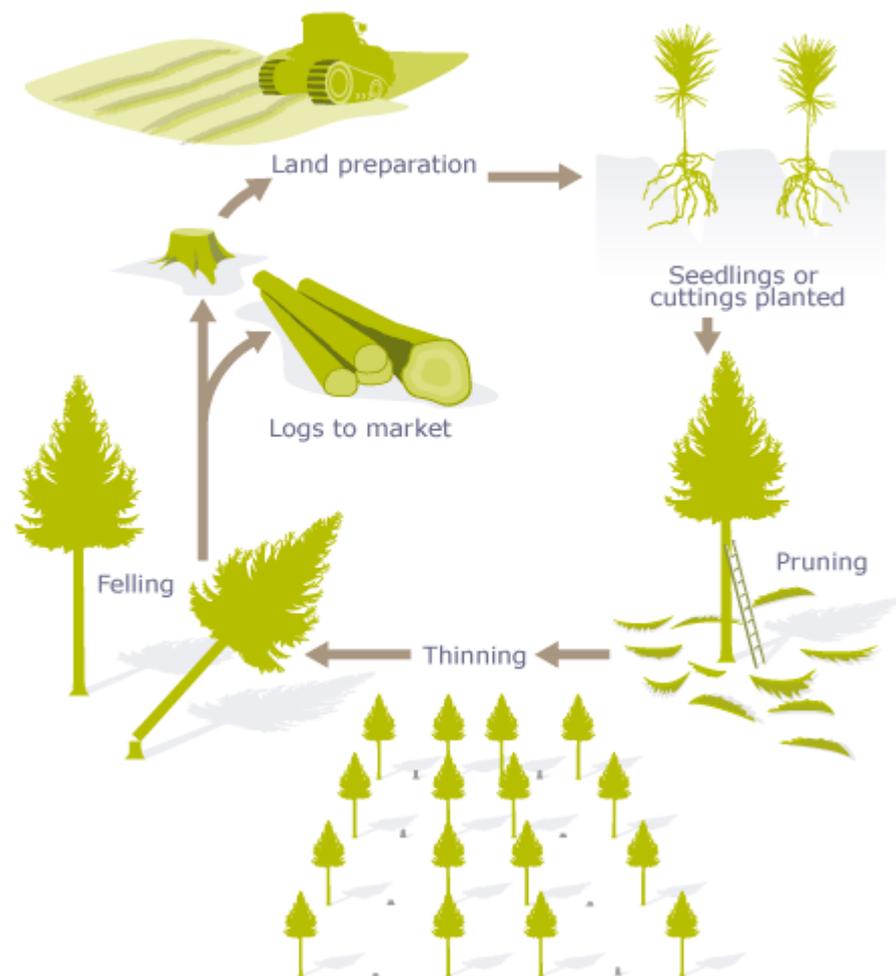
GW Managed Parks and Forests

GW Plantation Forestry



Forestry Cycle

- Managed over 28-30 years
- Felling or harvesting
- Road construction and maintenance



GW Forestry

- 3,000ha of Metro Plantation forest
- Akatarawa and Pakuratahi
- Cutting Rights sold to RMS in 2014 (60yrs)
- PF Olsen forestry management company



Mangaroa Forest

GW Forestry

- Forestry came into Parks in 2016
- GW Parks work with Land Management and eReg to manage recreation and harvesting on public land

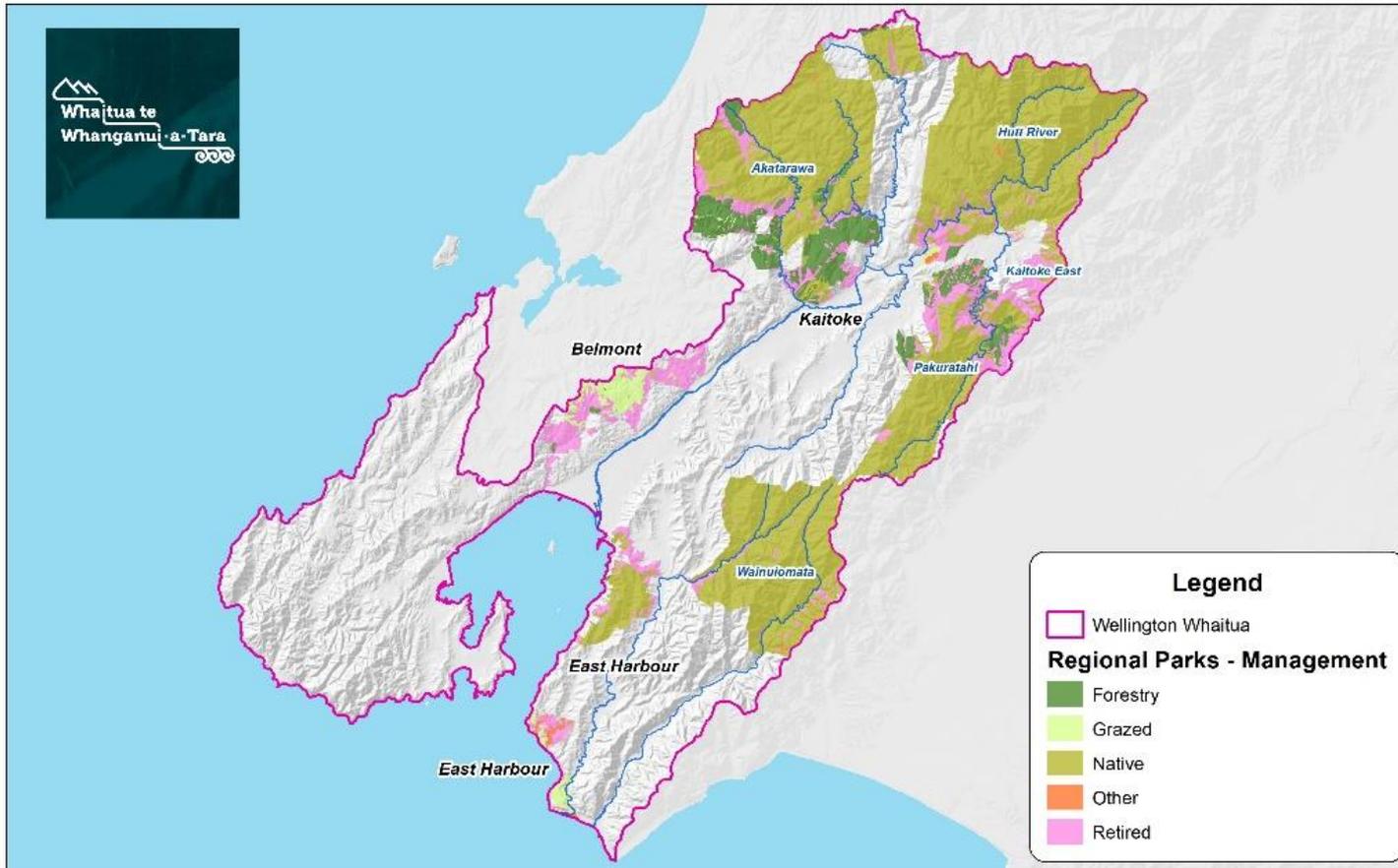


Forestry - Risks

- Run off - post harvest
- Water crossings
- Road construction
- Aerial spraying
- Public access



GW Parks, Forests and Water Collection Areas



Wellington Whaitua - Regional Parks and Water Collection Areas, Land Management

Topographic and Cadastral data is copyright LINZ. Projection NZTM.

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Date: 10/12/2019

Park Annual Highlights:



- Visits **1.8 million**
- Native Plantings **50,000**
- Volunteers **17,000hrs**
- Pest Animals: **320 goats, 31 deer, 173 pigs & Rabbits (from KNE's)**
- Pest plants: **532 person days**

Motorised Recreation

- Akatarawa Forest
- Motorised trails
- 100km + tracks
- Water crossings

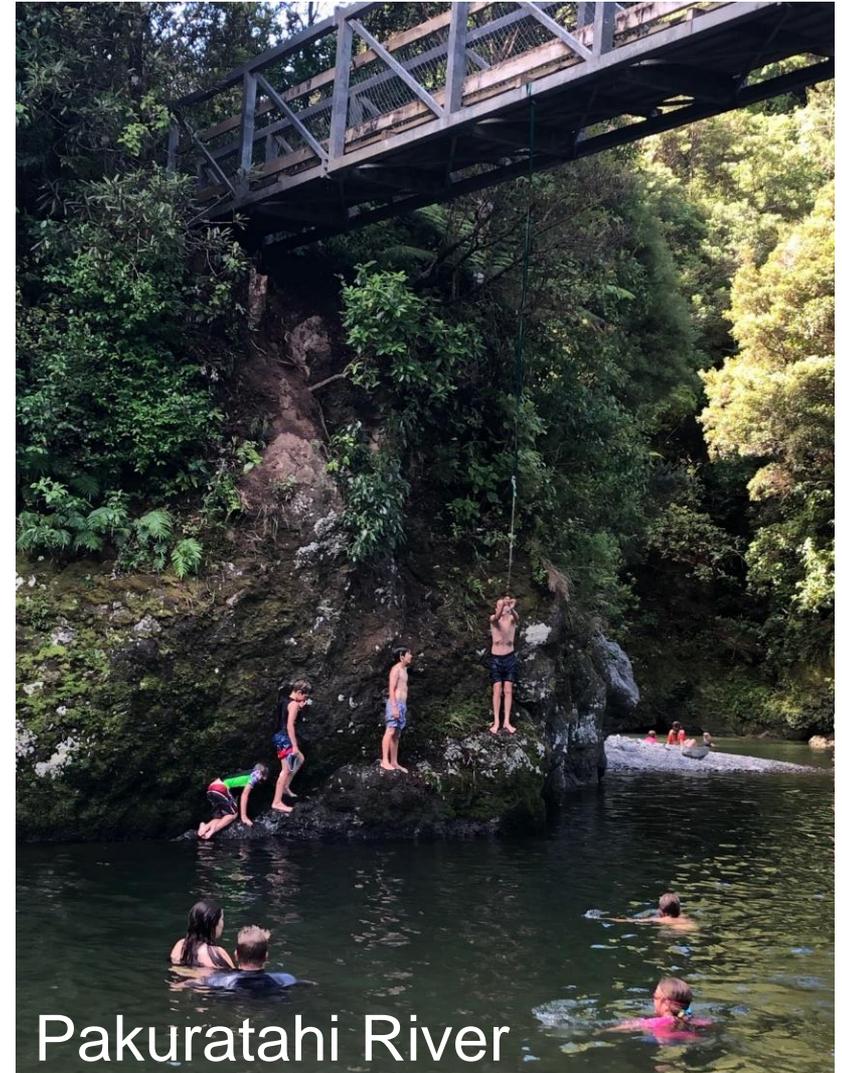


Parangarahu Lakes

- Kohangapiripiri – Kohangatera - Kohanaga Ora
- Co-managed with PNSBT
- Nationally outstanding lakes
- Lakes380 project
- Challenges: Fish passage & aquatic weeds

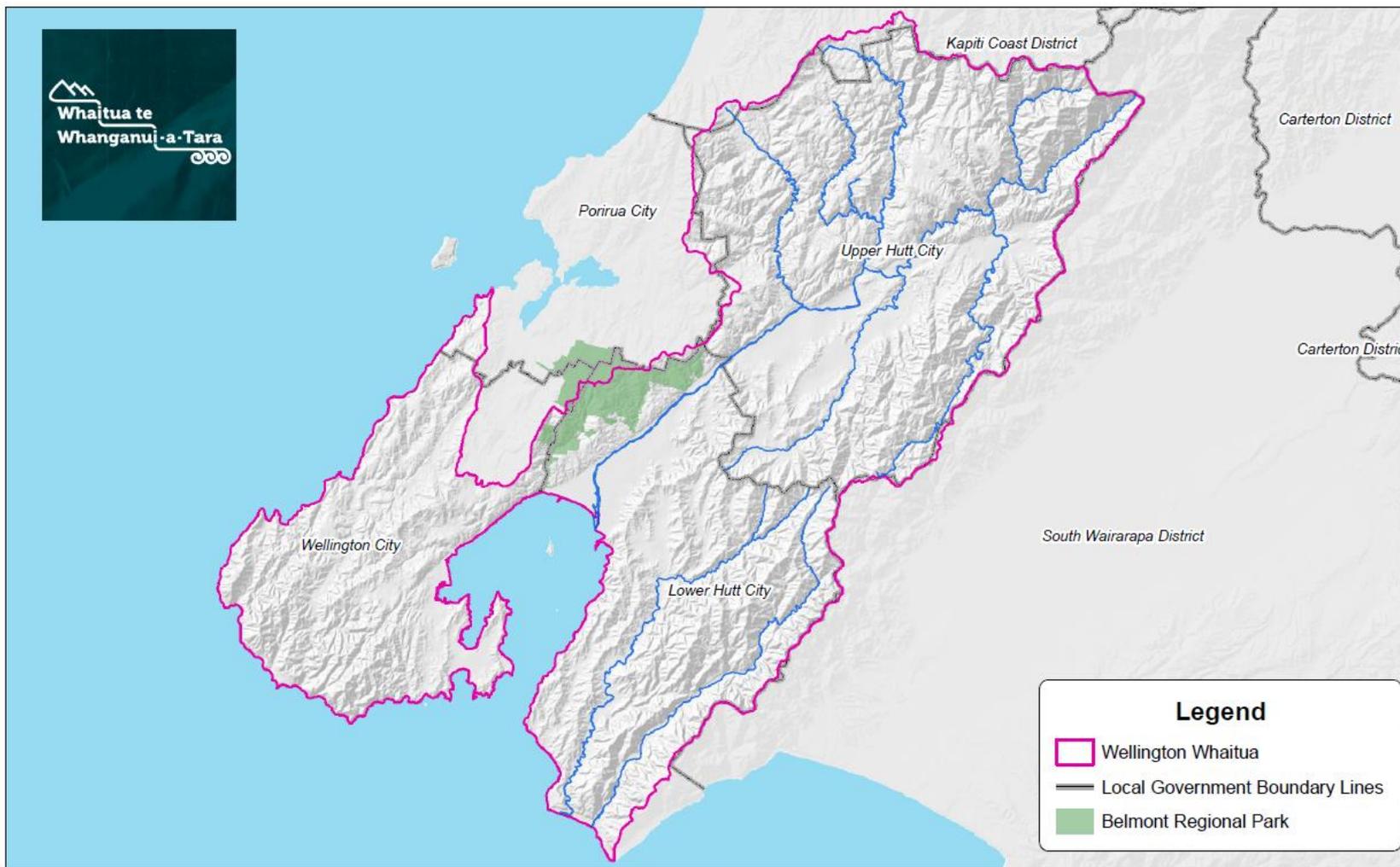
Toxic Algae – Kaitoke Regional Park

- 20% toxic algae coverage last week
- Swimming & dogs



Pakuratahi River

Belmont Regional Park

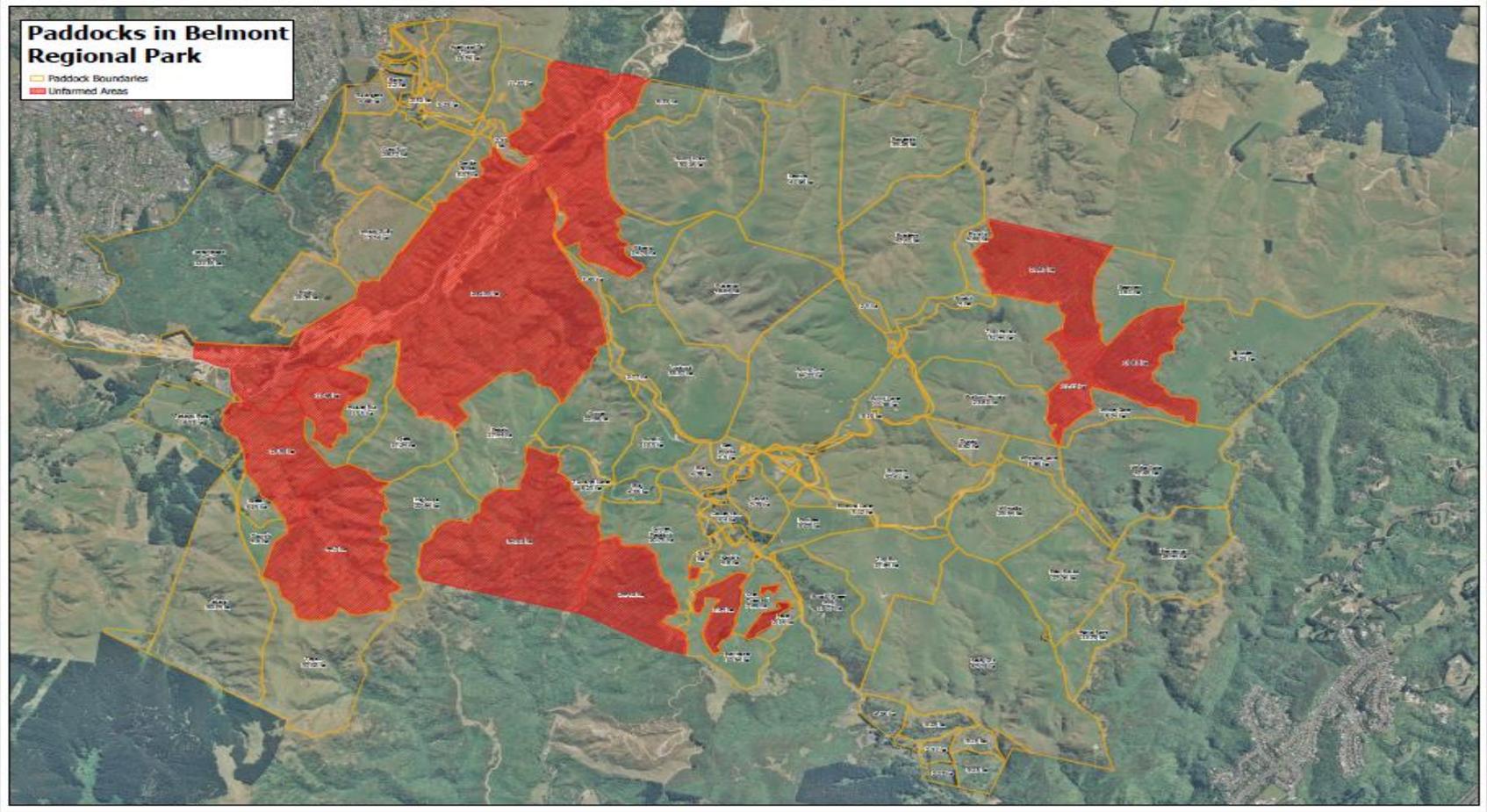




Farming on Belmont

- Reduction in farming across parks network signalled through parks network plan process
- As a general principle, grazing licences are intended as a means of sustainably managing large areas of land. Improvements post Landcorp
- Reflecting GWRC's desire to lead by example in land management and water quality improvement, significant resource over the last few years on retiring the headwaters of stream catchments
- Current eastern farm licence expires 2026, across two Whaitua, approx. 1150ha

Farmed and retired areas



Cattle exclusion – Speedy's



April 11, 2019

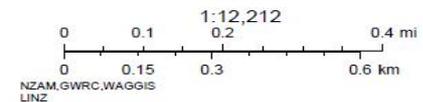
Placenames - Towns

Placenames - Suburbs

Placenames - Localities

Placenames - Bays

State Highways Labels

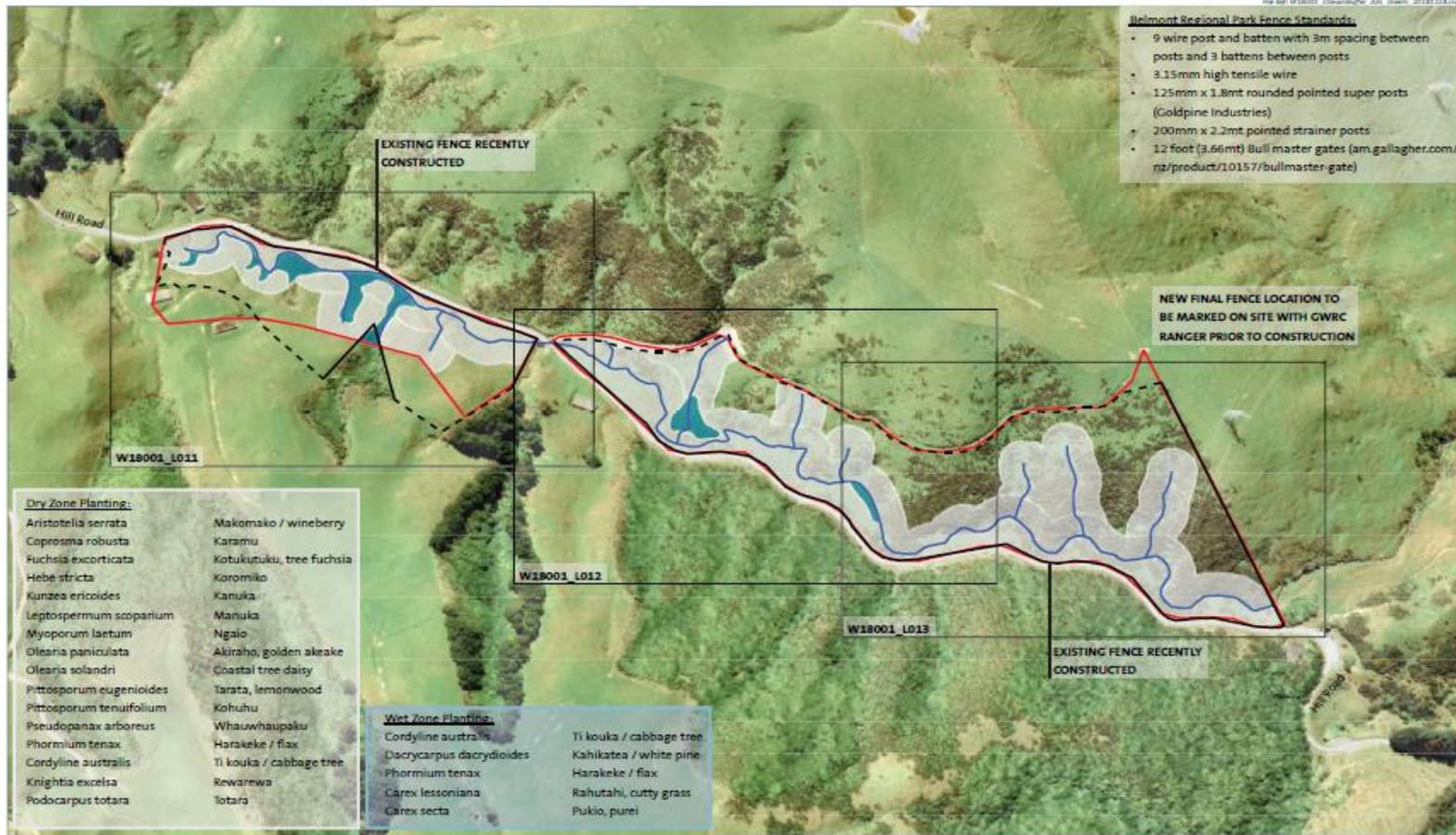


Weed Management

- Aerial agrichemical spray application
- A permitted activity under the Natural Resources Plan, subject to conditions



Offset mitigation opportunity



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- MITIGATION AREA
- DRY ZONE TERRESTRIAL AREAS:
 - 35,522m² Main stream (24,553m²)
 - Side Tributaries
- WET ZONE: 1,920m²
- STREAM: 1224m Main Stem | 503m Side Tributaries
- EXISTING FENCE
- NEW FENCE (RECOMMENDED GWRC RANGERS)

OFFSET PLANTING PLAN
Landscape Master Plan
Date: 30 November 2018 | Revision: 2 |
Plan prepared by Boffa Miskell Limited.

W18001_L010

Project Manager: Ianeray Garrett-Watson@boffamiskell.co.nz | Drawn: Hilary Mole | Checked: SDU

Stream Improvements



Managing Hazards

Pine tree felling



ACCESS Before / After



Working with Nature

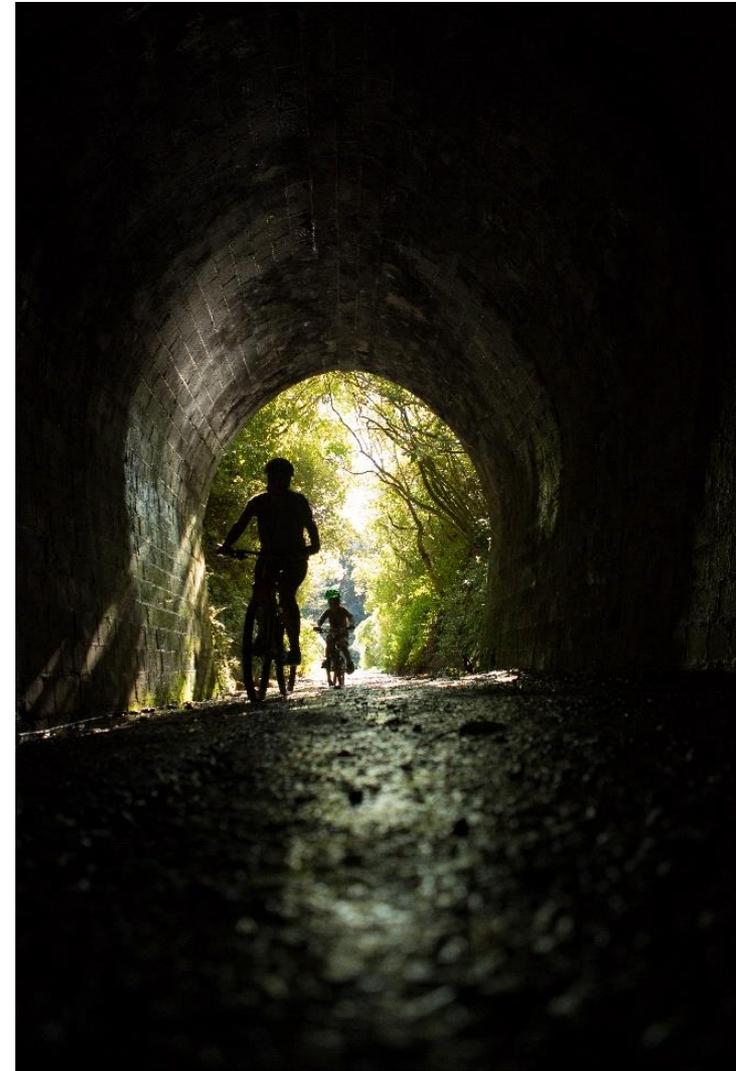


Heritage management



Parks Challenges

- Restoration (Budgets, PNRP Rules, Resources)
- Asset maintenance – historic structures (bridges, tunnels, dams)
- Managing expectations



Future Risk to consider



What we would like to leave you with... Opportunities

- Large scale restoration/retirement
- Public consultation on Parks Network Plan
- Best practice land management
- Offsetting by developers and agencies
- Monitoring – water quality, sediment