SANCTUARY TO SEA

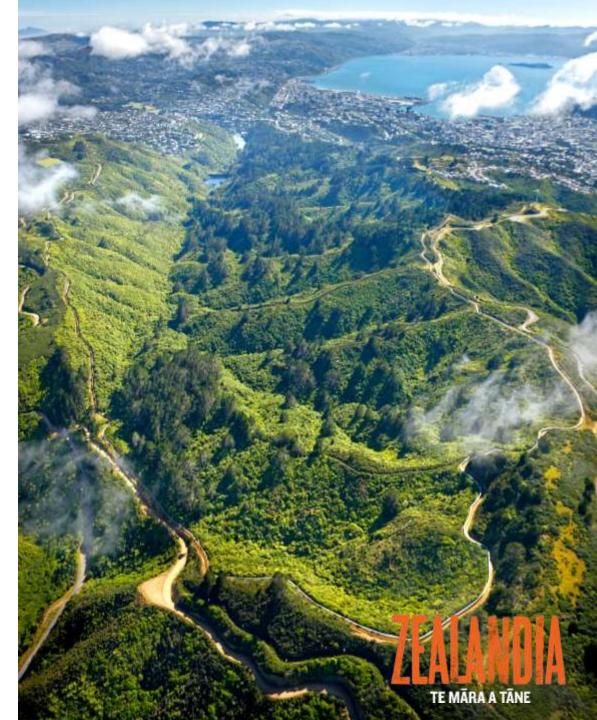
KIA MAURIORA TE KAIWHARAWHARA

Pascale Michel Project Leader Conservation & Research

Aaria Dobson-Waitere

Kaitiaki Ranger Conservation





THE KAIWHARAWHARA CATCHMENT Treatment plant Pumping station Main reservoir Main river Pipeline



Tunnel Water catchment

Urban

Kaiwharawhara

Catchment

Gear Island

Vainuiomata

Waterloo

Whaitua

Te Whanganui a Tara

Orongoros

Water catchment

SANCTUARY TO SEA

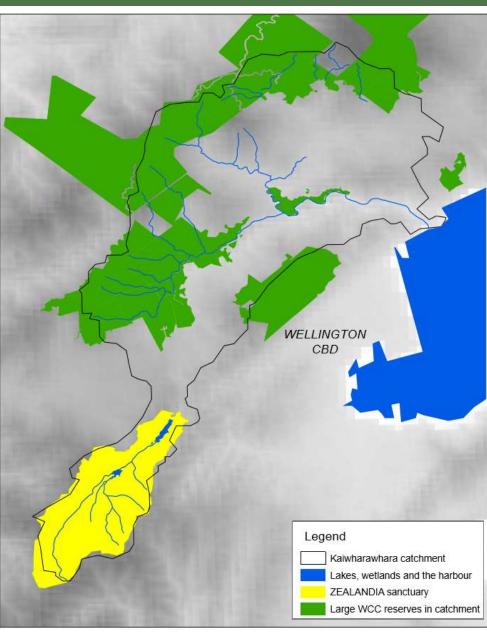
KIA MAURIORA TE KAIWHARAWHARA



TE MĀRA A TĀNE

copy

THE KAIWHARAWHARA CATCHMENT



- **SANCIUARY 10 SEA** KIA MAURIORA TE KAIWHARAWHARA
- largest stream system in WC (16.7km²), headwaters within an Zealandia sanctuary
- Last natural open estuary, culturally important
- 34% remaining native bush cover
- 13 species of native fish & inanga spawning

CHALLENGES

- Degraded water quality and modified hydrology
- Fragmented wildlife habitats, major fish barriers
- A high density of animal and plant pests
- A community that has experienced a major disconnect to the land & nature



THE PROJECT HISTORY

2017

Scoping phase Community Engagement

2018

Strategy 2018-2028 Development

2019

Working Plan 2018-2028 Development

- Integrated Catchment management (ICM)
- Project Kaiwharawhara (2003-2012)
- Quarterly Community meeting (03/17 8)
- Strategy group (09/17 8)
- **Strategy** that outlines principles
 - 100-Year Vision
 - Objectives 2018-2028
 - Unformal structure based on collaboration
 ZEALANDIA
 Strategic partners
 Other partners & stakeholders
- Action Plan that guides actions



KIA MAURIORA TE KAIWHARAWHARA

DOC

GWRC

Morphum Environmental

Te Atiawa/Taranaki Whānui

WCC

Wellington Water

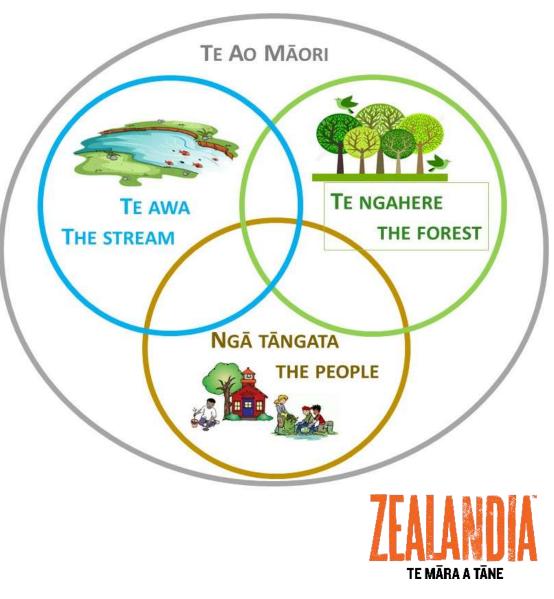


OBJECTIVES & ACTIONS 2018-2028

SANCTUARY TO SEA

KIA MAURIORA TE KAIWHARAWHARA

- Recognise the catchment as a living entity, & encourage active involvement in restoration
- Support mana whenua in reconnecting to the Kaiwharawhara catchment
- Ensure aquatic & terrestrial native wildlife thrives in healthy connected habitats
- Develop accessible high quality information that supports decision making and informs the public & ensure our work is exemplary in the area of catchment restoration



CURRENT PROJECTS

- Te ao Māori foundation Te tini o Hākuturi
- Zealandia Lower Lake rehabilitation & Wetland enrichment
- Stormwater infrastructure & Water sensitive urban design
- Business in Conservation
- Kaiwharawhara lower stream & estuary
- 'Parallel' projects:
 - Fish passage (WCC/GWRC)
 - Water quality monitoring (GWRC/WBC)
 - Plastic Project (NIWA)



IA MAURIORA TE KAIWHARAWHARA















Te Tini o Hākuturi

Kaitiaki monitoring in the Kaiwharawhara catchment hakuturiroopu@gmail.com

Department of Conservation Te Papa Atawbal