



WOMEN IN FORESTRY BREAKFAST
12 SEPTEMBER 2022

— LEADING SUSTAINABLE LAND USE —

From the Viaduct



To Wairakei Estate



Wairakei Estate

- 25,000 ha of diverse land uses & natural resources
- Journey of conversion from forestry to pastoral farming
- ~8,000ha of forestry
- Geothermal
- Pastoral dairy, sheep & beef, lucerne crops
- 1500ha of conservation land





Our Vision

- To sustainably manage a diverse collection of natural resources and land uses.
- Collective engagement & management of consents, water use, land use across different tenants
- Environment, innovation & community

From Forestry to Farming & Restoration



Riparian/Conservation Land



Total riparian and conservation area of ~1500

hectares



128 km of streams and rivers

- including 28 km of Waikato River Frontage
- 28 streams of which 20 are named



266 km of permanent waterway fencing

- average setback across the property is 35 meters



Several Significant Natural Areas (SNA)

- including 3 geothermal





WAIRAKEI
ESTATE

LEADING
SUSTAINABLE
LAND USE

Our Planting Programme

- Planting 10,000-15,000 natives each year
 - Majority of flax, cabbage trees, manuka, toetoe, coprosma species and kohuhu to establish cover quickly
 - Recently completed a 7 ha wetland rehabilitation project
- Sites for restoration or rehabilitation are chosen based on
 - Stream geomorphology
 - Amount of terrestrial degradation
 - Accessibility
- Partnership with Ngati Tahu- Ngati Whaoa
 - To restore the lower reach of the Pueto stream
 - Held a seed collection and propagation wananga in March 2022 for the 2023 planting season

Seed Propagation Wananga



Seed Propagation Wananga



Pueto Restoration Site before



Pueto Restoration Site after



Predator Control Initiatives

- Previous approach: contractor to implement pest control on a smaller scale, mostly in the forestry blocks ; ad hoc
- Current approach – partnership with forestry, conservation and agricultural land
 - Beneficial due to investment in biodiversity growth through riparian restoration and indirect involvement in the agricultural sector
 - Natural regeneration that is essential to our planting programme requires seed dispersers

Predator Control Initiatives

- Methodology going forward:
 - Large pest control area (approximately 1000 ha) along our boundary in tandem with forestry (additional 2000 ha)
 - Continue to work with neighbours to establish a buffer zone
- Support a large-scale predator eradication project in the Reporoa area working alongside Iwi, industry and community
- Our aspiration: Predator Free 2050; diverse ecology and fauna