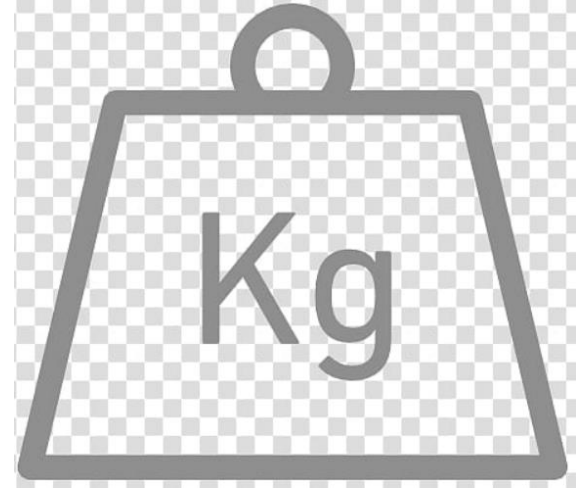


Reimagining Mataura River Project
Wānanga – June 2023



Aggregate some context



30-50-100 years



Reimagining the Mataura – Jacobs Beach

• Who was involved:

- Hokonui Rūnunga
- DoC
- Fish & Game
- ES River engineers
- Landowners – across the river



• Outcome:

- Pest vegetation & soils- gone
- Pressure on banks - reduced
- Improved habitat (birds, fish)
- Predator control
- Continued aggradation
- Aggregate >200,000 T





• Steps to date:

- FH buy 30 ha – BAU (~~wetland~~)
- Hokonui chat – Reimagining Mataura intro
- FH, Hokonui, DoC – Re-braid concept



• Build a team:

- Ecology, Hydrology, Geology, Geomorphology, Landscape, Traffic, Noise, Hazard Engineering, Quarry engineers...
- E3, Geosolve, Marshall Day, Stantec, RMA Planner...

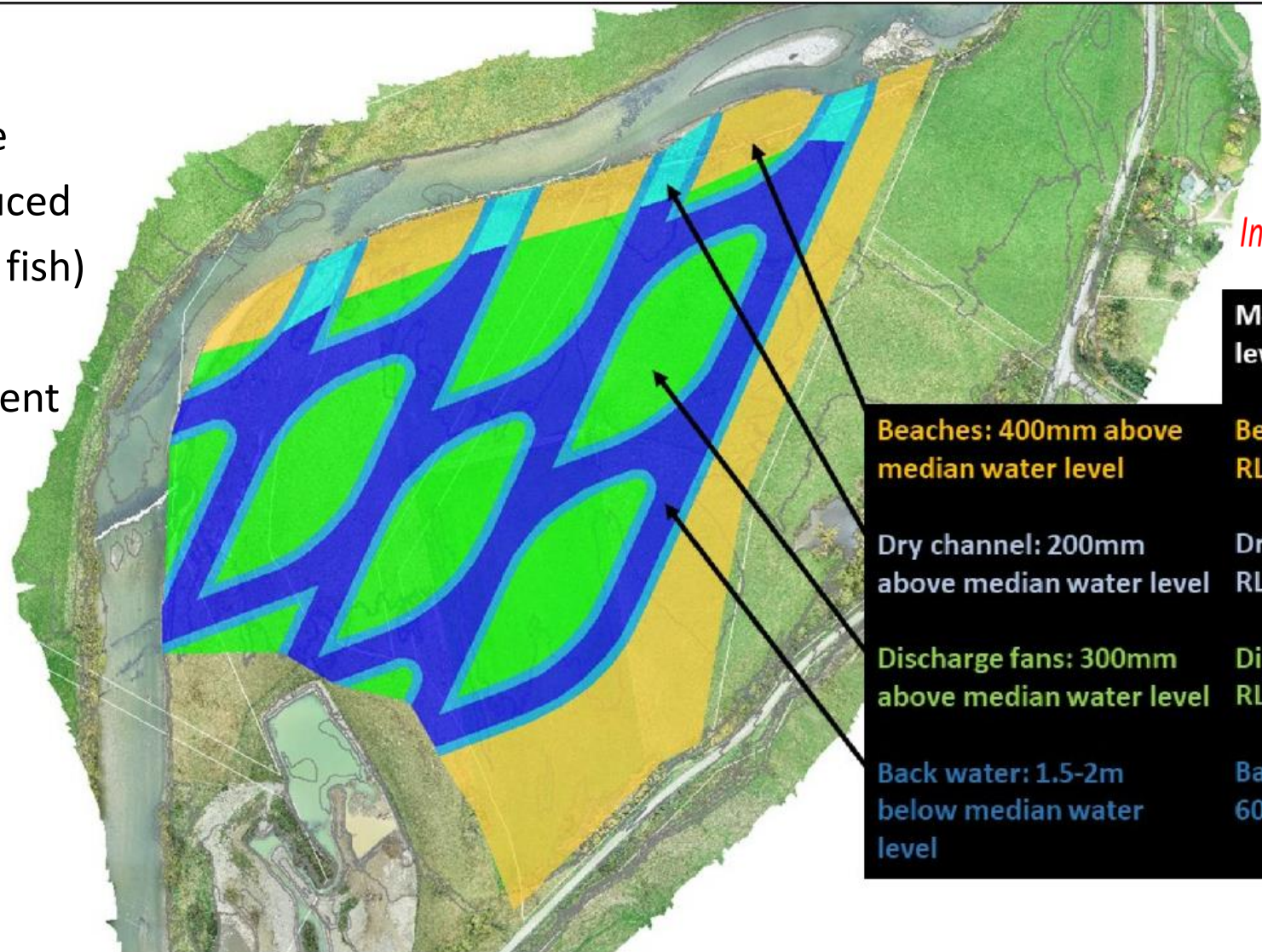


• Involve:

- Hokonui, DoC, ES Rivers, Neighbours, Fish & Game, GDC/ ES, LINZ, MBIE, Powernet...
- 30+ year project....

• Outcome:

- Vegetation & soils- gone
- Pressure on banks - reduced
- Improved habitat (birds, fish)
- Increased flood capacity
- Water quality improvement
- Continued aggradation
- Community asset?
- Aggregate – 30 years+



Indicative concept

Median water level: RL 62

Beaches: 400mm above median water level

Beaches: RL 62.4

Dry channel: 200mm above median water level

Dry channel: RL 62.2

Discharge fans: 300mm above median water level

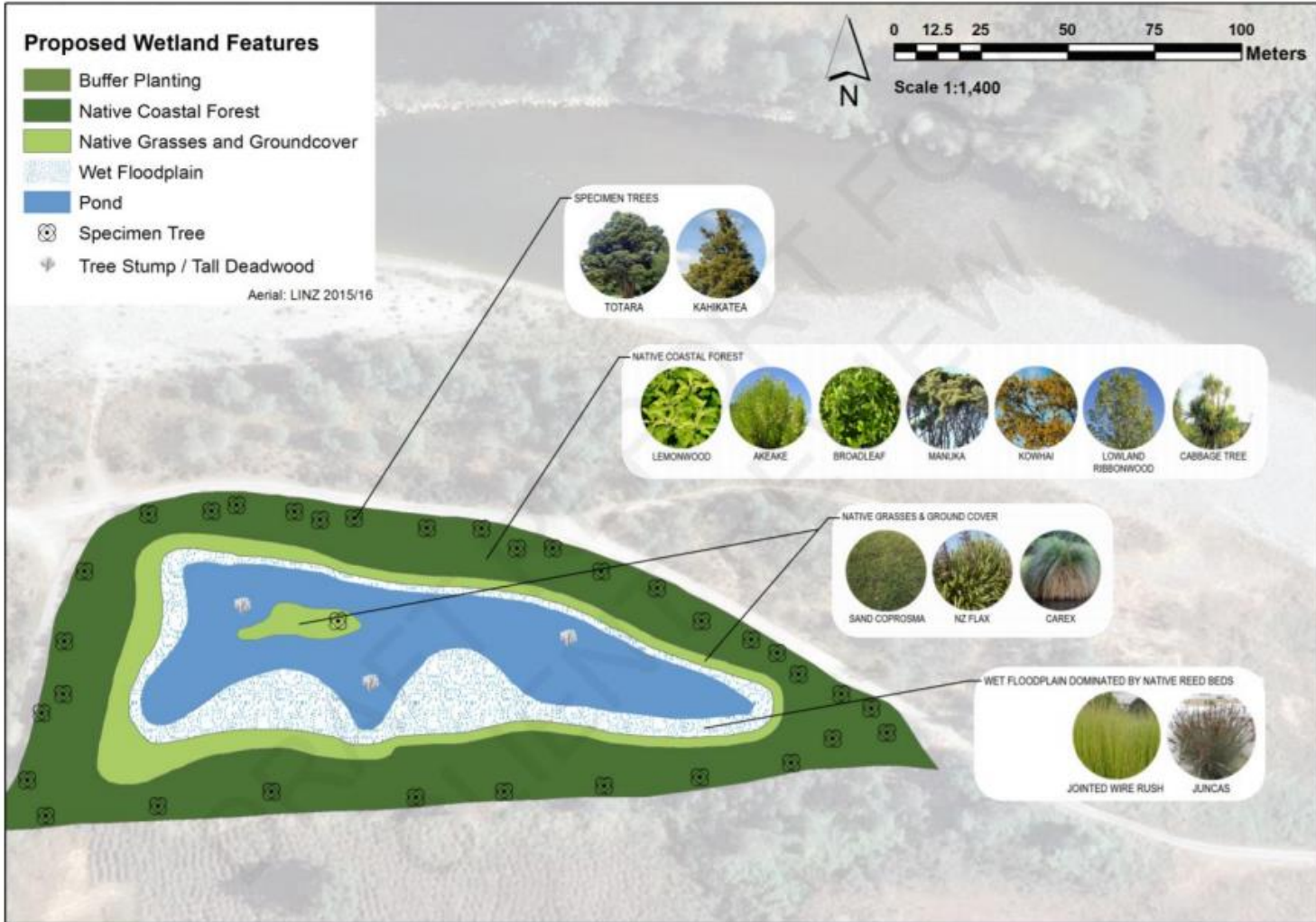
Discharge fans: RL 62.3

Back water: 1.5-2m below median water level

Back water: RL 60.5

Habitat restoration underway - Motueka

Motueka River Wetland Proposal – consented 2021 for extraction



Habitat restoration underway - Waimea

