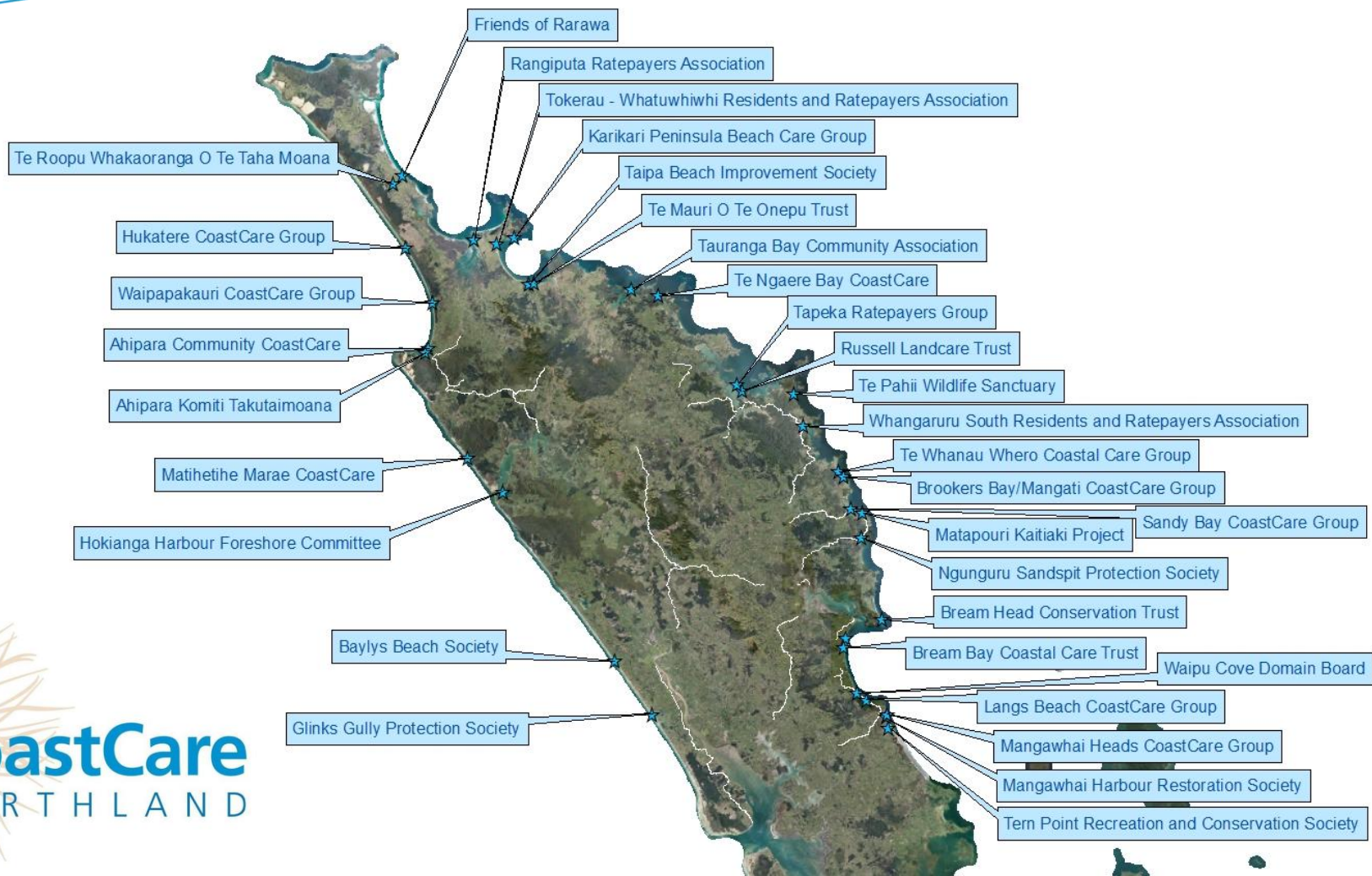




Northland round-up

Laura Shaft
21 March 2018

Northland CoastCare groups



Northland CoastCare groups



Northland CoastCare groups



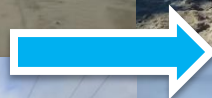
Northland CoastCare groups



Dune restoration projects – examples



Ruakaka – ‘Race-course dunes’





Mangawhai Heads

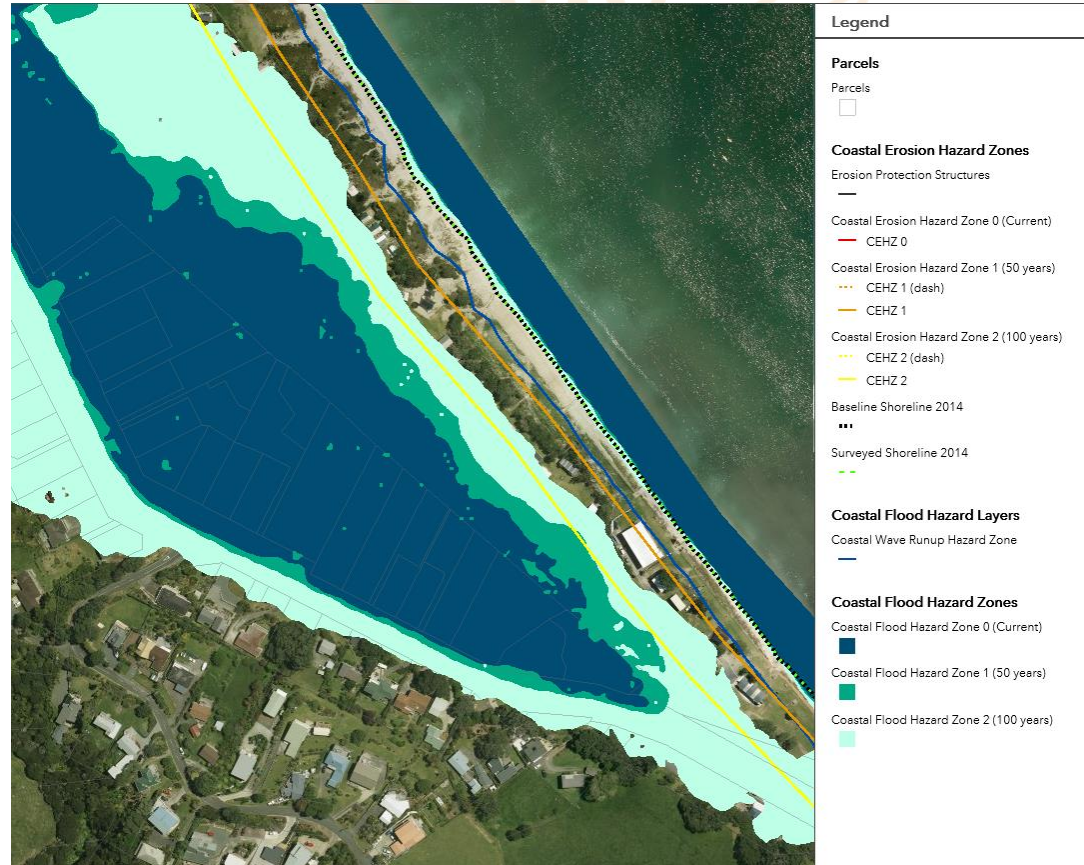


Mangawhai Heads



Coastal Hazard Mapping

- 31 sites for CEH
- 63 sites CFH
- Region wide LIDAR survey



Use of drones

Feb 28, 2018 4.35 Hectares

2D Map 3D Model

Plant Health Elevation


Overlays

Annotation & Measurement

Location Distance Area

Volume

Images (72)



The main image is an aerial view of a coastal area. A blue vertical line is drawn on the beach. The inset image shows a drone in flight.

Umurangi Way

Whangaumu St

Proposed Regional Plan

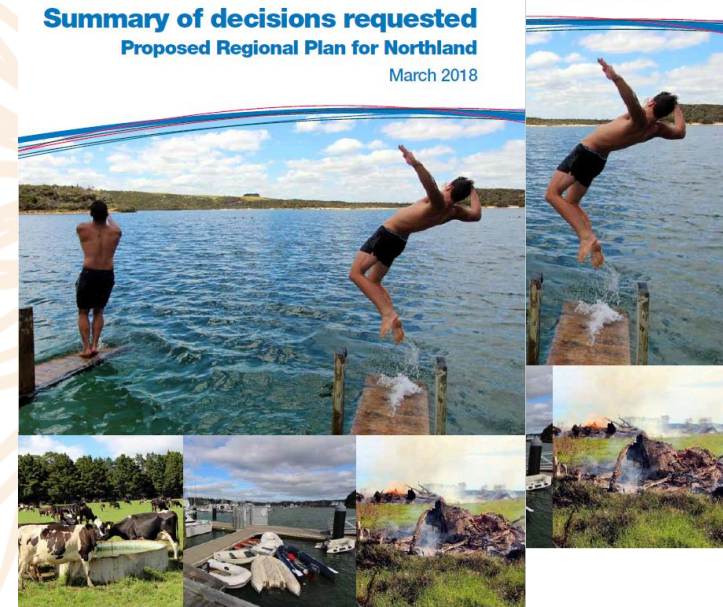
Proposed changes include:

- Dune restoration (including shaping) – permitted activity
- Consent required for removal of any native dune vegetation
- Consent required for all coastal structures, not just those in CMA

Proposed Regional Plan for Northland

September 2017

Summary of decisions requested Proposed Regional Plan for Northland March 2018



Key stakeholder engagement

Opportunity for feedback

Opportunity for feedback

Opportunity for feedback

DEC 2014

Regional Plans Review

JAN 2015

Draft Regional Plan prepared

AUG 2016

Feedback on draft Regional Plan

OCT 2016

Proposed Regional Plan prepared

SEP 2017

Submissions on proposed Regional Plan

MAR 2018

Further submissions

MID 2018

Hearings

LATE 2018

Council decisions

2019

Appeals

Operative Regional Plan

Outstanding lakes project

- Management plans written for twelve lakes
- Will be available on NRC website
- Includes a number of dune lakes

Lake Ngatu
MANAGEMENT PLAN

LAKE NGATU MANAGEMENT PLAN | Introduction

EMENT PLAN

formed between stabilised sand dunes along the west coast, represent a large proportion of warm, lowland lakes in New Zealand which still have relatively good water quality and high ecological values.

The outstanding dune lakes are grouped on the Aupouri, including Sweetwater, Karikari and Pōtoto Peninsulas and the Kai Iwi group North of Dargaville.

The lakes vary in size, with the majority being between 5 and 35 hectares; in area and generally less than 15 metres deep. Lake Taharoa of the Kai Iwi Group is one of the largest and deepest dune lakes in the country, covering an area of 211.07 hectares and being 38.81 metres deep. Lake Taharoa also has the deepest recorded submerged vegetation of any lake in the North Island, to 24 metres.

Northland
REGIONAL COUNCIL

• Dune lakes
• Hot Spring
• Lagoon
• Pond
• Stream
• Freshwater Lake

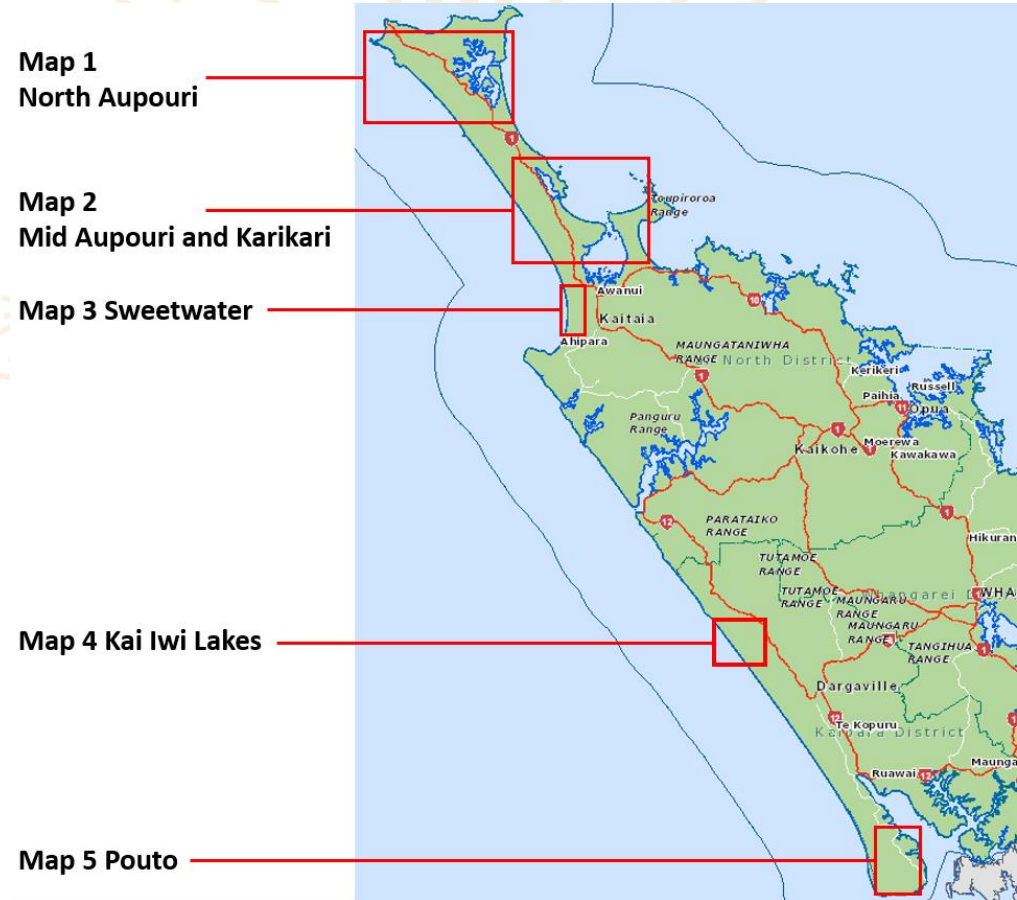
Natural water bodies greater than 1 ha, FENZ derived lakes, freshwater soils

Northland
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Northland
REGIONAL COUNCIL

Lakes Freshwater Improvement Fund project

- Assisting with implementation of management plans
- Collaboration with iwi and other stakeholders



Check Clean Dry advocacy

- In Northland focus on Kai iwi lakes
- Also Far north and Whangarei sites
- 283 surveys completed in Northland



Seaweek – beach/estuary cleans

- 53 clean-ups
- 37 sites around Northland
- 2065 people involved



3 – 11 MARCH, 2018

Community Coastal Monitoring

- Promote and coordinate community led benthic data collection
- In collaboration with Mm²
- Complement other council programmes such as the Estuary Monitoring Programme (EMP)



Marine Metre Squared

Home Resources Blog Species Map Surveys Map Data plots

www.nrc.govt.nz/coastalmonitoring



Thank you

Laura Shaft

CoastCare Co-ordinator

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