

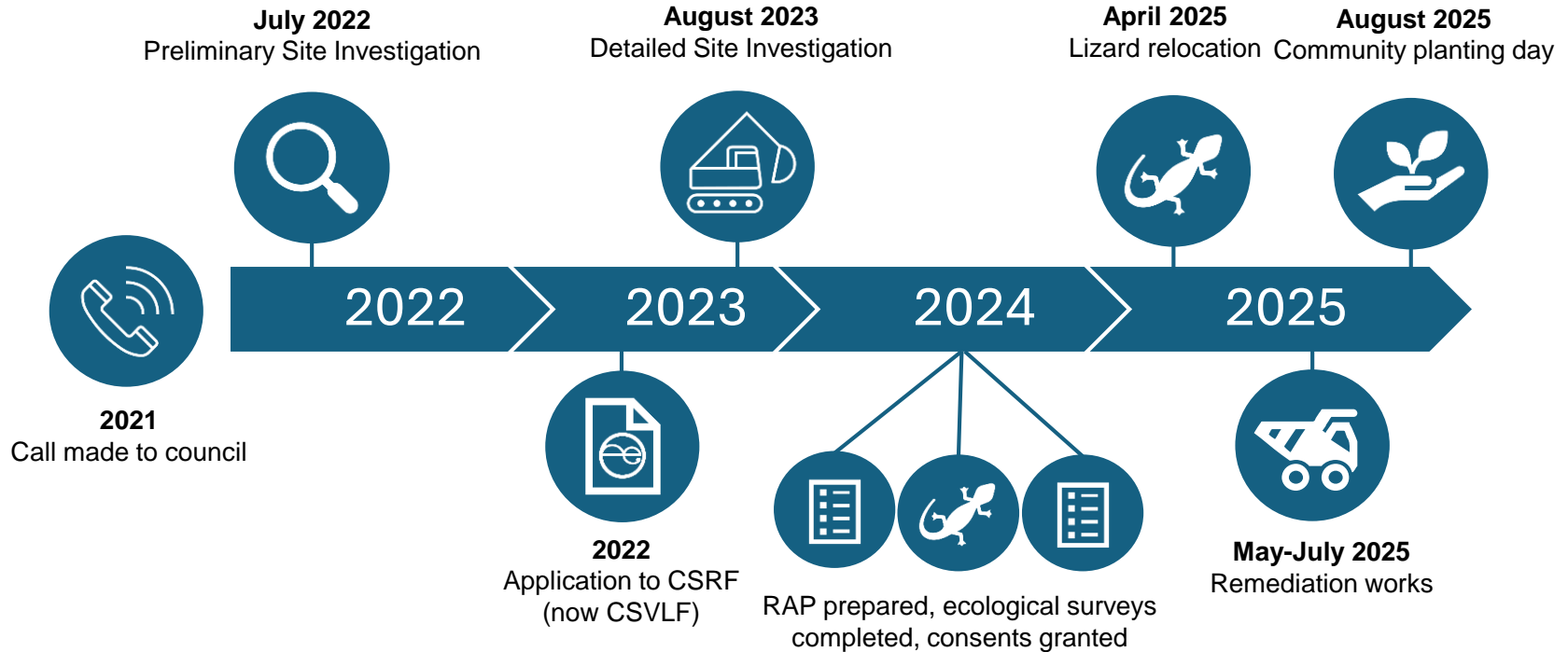
Te Raekaihau Point: Remediating a Coastal Legacy Site Through Collaboration

Tyler Neve, Associate Environmental Consultant

Dr Genevieve Smith, Senior Environmental Consultant



What the project looked like



Te Raekaihau - *‘the headland that eats the wind’*

- Of significance to iwi.
- Important recreational site for the community.
- The boundary of the Taputeranga Marine Reserve.





2021 – A member of the public calls council

2022



2023



2024



2025



The investigation begins

SAND FROM BEACHES

Reserve for Bathers

A REJECTED PROPOSAL

The works committee of the City Council recommended to Thursday's meeting of the council that the area known as Princess Bay, a local name for a portion of the eastern side of Houghton Bay, be again placed under the control of the city engineer, as one of the main factors which influenced the purchase of the area was the supply of metal, sand, and shingle which would be available for street works.

Councillor F. Meadowcroft protested against the control of this part of the beach being taken away from the reserves committee, owing to its increased use as a bathing resort. He moved that the clause be struck out.

"All the engineer's department is concerned in is a place to get sand from, but this is one of the city beaches reserved in the reserves department and used in the reserves department and greatly used by the people in the neighbourhood," said Councillor W. J. Gaubourhood. "He did not object to the sand being removed if it were done in a proper way, but the beach had been 'scoured' and trampled and made a mess of by the engineer's department."

"It is the only place where the department can get a certain sort of fine, gritty sand necessary for drainage work," said Councillor Huggins.

DOMINION, VOLUME 25, ISSUE 49, 21 NOVEMBER 1931, PAGE 11

"POSITIVE DEATHTRAP" PRINCESS BAY AND CHILDREN

EVENING POST, VOLUME CXII, ISSUE 14, 16 JULY 1931, PAGE 14

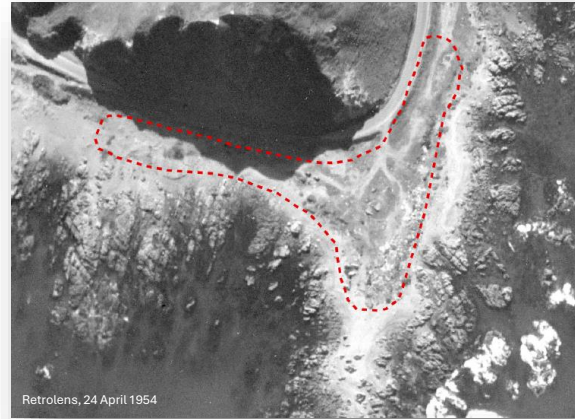
Recently at Princess Bay (still a fine beach, in Houghton Bay) I was amazed to see a big motor lorry being loaded with sand right on the beach itself. There is a big hole from which hundreds of yards of sand have been taken. Dozens of yards of spoil have been tipped on the beach to make a roadway for the trucks on to the beach. Most of the small sand hills that were there last year are gone, and in their place are more spoil and pieces of old sheet iron (great stuff for children to cut their feet on). Whether permission has been given for the removal of this sand or not, it should be stopped immediately.—I am, etc.,

H. WINSTANLEY

EVENING POST, VOLUME CXL, ISSUE 152, 26 DECEMBER 1945, PAGE 4

about making a new by-law. Not only on the beach, but all round Queen's Drive West in every little nook and corner there is rubbish continually being dumped. The only way to stop this is to

Evening Post, 26 March 1964, Page 10



2022

2023

2024

2025



Site Investigations -

- PSI sampling to identify depth and contents of fill on site
- Detailed Site Investigation (DSI) sampling to determine lateral extent



2022



2023



2024



2025



Next steps

1. Created a Remedial Options Assessment

Do nothing

Stabilise in place

Partial removal / remediation

Complete removal / remediation

2. Applied to the MfE Contaminated Sites Remediation Fund

(Now the 'Contaminated Sites and Vulnerable Landfills Fund')



2022



2023



2024



2025

Consenting

- **Wildlife Act Authority**
- **District**
 - NESCS
 - Earthworks (Earthworks within a site/area of significance to Māori, High Coastal Natural Character Areas/Coastal Margin)
- **Regional**
 - Earthworks
 - Winter works



2022



2023



2024



2025

Remediation – Experience & Challenges

- Tailoring the ESC to the site
- Wildlife considerations, veg clearance
- Communication with the contractor, asbestos removalists and assessors
- Potential archaeological discoveries
- Estimating waste volumes.



2022



2023



2024



2025

Roads



2022



2023



2024



2025

The Outcome



How many people does it take to remediate a site?

