

**Save Petone
Wharf Group**

**Long-Term Plan
Submission
Presentation**

May 2024



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Introduction

- Since January, Save Petone Wharf group has grown exponentially with residents, businesses, and community groups donating their time and business products/supplies.
- Our petition and community event show strong community, city, and regional sentiment to keep Petone Wharf.
- Despite the LTP consultation options, 100s have submitted in support of saving the wharf.
- **We support repairing, not refurbishing Petone Wharf.**

Rockbond Repair Cost Breakdowns

Cost Breakdown 1 for \$5.5 million (estimate)

- This investment enables the repair of all elements that currently need repair so the wharf can open for public use –within a few months.
- Investment under this breakdown includes:
 - Priority piles
 - Priority sections of the deck
 - Priority beams, stringers, cross bracing and other structural elements.
- Piles guaranteed for 30 years plus.
- This breakdown requires an ongoing maintenance programme for the lower-priority elements of the wharf.

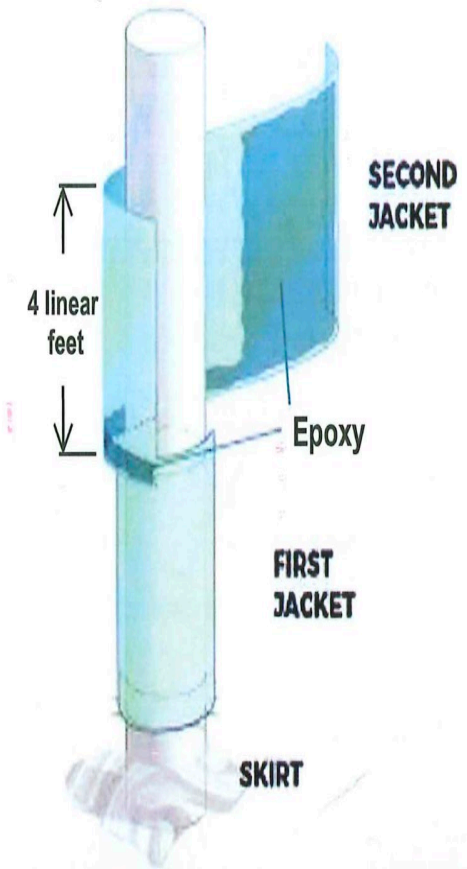
Cost Breakdown 2 for \$9 million (estimate)

- This repair cost breakdown allows Council to bring forward PileMedic repairs and work on other elements that do not need immediate repair.
- It is full strengthening of the wharf and its structural integrity for the long term.
- Investment under this breakdown includes:
 - Necessary piles (including removing the 38 redundant ones)
 - Necessary sections of the deck
 - Necessary beams, stringers, cross bracing, and other structural elements
- Piles guaranteed for 30 years plus.
- Minor ongoing maintenance budget needed in the years beyond this work being done.

Technology Comparison

Previous FRP Repairs to Petone Wharf in 2017 and 2021

New Generation: PileMedic



Technology Comparisons

- New generation PileMedic is evidently better than older Fibre Reinforced Polymer (FRP) (from the late 1980s).

PileMedic Technology	Fibre Reinforced Polymer (FRP)
<ul style="list-style-type: none">• Greater strength under axial load and earthquake load than original wharf.• Lower cost because confinement from super laminate eliminates need for hoop reinforcing or formwork.• Greater corrosion protection.• Can do rapid repairs because super laminate wraps around any shape of pile.	<ul style="list-style-type: none">• Jackets are bolted or epoxied in the field, which leaves weak seams.• These jackets could allow ingress of water and corrosion over the long term.• Lower strength under earthquake because it does not allow for longitudinal rebars of Glass Fibre Reinforced Polymer that PileMedic does.

Public Support to Save the Wharf

- Always been strong community support to save the Wharf from demolition:
 - 2017 petition with over 2200 signatories presented to Council
 - Strong community support shown in the 2021 LTP consultation process.
- **Over 6800 have signed our petition** - online or physical copies. An analysis of the signatories of the 2629 hard copy petition signatures shows that:
 - 30.5% are from the Harbour Ward and 41.5% are from the wider Lower Hutt with another 22% from the Wellington region.
- Hundreds attended our April community walk.

Next Steps

- We want the Council to stop its proposals to demolish the Petone Wharf for environmental and public amenity reasons.
- **We want the Council to agree to invest in repairing Petone Wharf.**
- Hutt City Council to commission a specialist marine engineering firm (e.g. OCEL) to undertake an up-to-date report on the state of Petone Wharf as soon as possible.
- If the Council doesn't fund this report, we will fundraise and pay for this report.
- Rockbond can repair Petone Wharf at a lower cost than councillors have been told it would cost to demolish it.
- Over 6800 people signed our petition and hundreds came to our community walk. We urge you to listen to your community.