

Simplistic View of Stakeholders – Optimistic Pathway to a Solution

Community

WISH LIST

To have the Westshore Beach of 1974 – sorted by Council at an acceptable cost to rate payers

Impact on coastal communities' due to Coastal Erosion and / or Inundation due to the rise in sea level.

Best outcome: to minimize or eliminate negative impacts to Cultural values and to maximize social return of investment

Effectively by: **“To hold the line”** plus bonus to improve amenity value of coastline.

Invited by Local Government to have input at Clifton to Tangoio Coastal Hazards Strategy

Local Government

WISH LIST

To have a tangible solution to negating the impacts of Coastal Erosion and Inundation due to Sea Level Rise for the next 100 years at minimal cost

Government Directive: to plan for effects of Sea Level rise, Coastal Erosion & Inundation.

Existing:

*Long Term Plan Part 4 HBRC activities:
Service Levels and Performance Targets
Activity 3 – Sundry Works, page 31.*

Direct relation to Westshore

2015-2018

- *An alternative source of gravel or sand for renourishment will be sought*
- *The current approach to erosion mitigation at Westshore will be reviewed as part of the Costal Hazard Management Strategy.*

This process included being informed of the following:

Science = best practice “soft engineering”

Studies to Date: including Gibbs report 2003

Which supported the option of “Seabed Renourishment” for consideration.

Port of Napier

WISH LIST

To have the Wharf Development completed with minimal hinderance

Proposed Wharf development

Need to relocate 3 million m³ of dredging.

Require permission for location of disposal consent.

The overall project is estimated to produce 70% silt and mudstone and 30% sand.

“Once in a 50-year opportunity” to have a huge volume of sand ‘potentially’ available.

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Feedback from the Community presented by the Community Members

Local Government

Technical Description: Renourishment of sand to intertidal area to achieved by forming a “shore parallel off-shore sandbar”

Resources needed to achieve:

1. Sand
2. Method to transport sand – barge
3. Permission - consent

Port of Napier

Port capability

1. 30% of dredging’s approx. 0.9mil m³ of sand
2. Can barge to within 4-6m water depth
3. Inshore and off-shore consents, approved

(Port has two consents for two dumping locations)

Recommendation to TAG:

1. Re-option D4 Renourishment – Sand be achieved by a “Shore Parallel Off-shore Sandbar”
2. Have the existing Condition 7 of Coastal Permit No. CPA0101 be revised to allow/enable the creation of a ‘shore parallel off-shore sandbar’
3. Time critical, that this revision be achieved prior to or in conjunction with application by Port of Napier for the off-shore dumping permit. Two consents available.
4. For the local Government (Councils) to engage with the Port of Napier to include consideration for creating a ‘shore parallel offshore sand bar’ as a consequence of their Wharf Development proposal/Project.
5. The importance of **“Once in a 50-year opportunity”** for sea bed nourishment at Westshore