



## Submission to Tauranga City Long Term Plan 2024-2034

Note: The 2024-2034 Long Term Plan process should be postponed by six months until the effects of revised, repealed legislation by the new government is known.

### Submission:

Add Tsunami Evacuation Pathways for Papamoa to the Tauranga City LTP 2024-2034. The Long Term Plan Consultation document does **not** mention the word "Tsunami."

### Facts:

1. More than 30,000 people are in Papamoa at any time.
2. The latest Tsunami maps show the majority of Papamoa will be under water during a tsunami wave event (using the design wave)
3. Most people in Papamoa will need to evacuate to higher ground ie go to the Papamoa Hills and cross the Tauranga Eastern Link motorway.
4. Evacuation will only be possible by foot or bicycle. Most roads run parallel to the coastline.
5. Tsunami wave events can happen anytime, day or night.
6. There are schools in this area with over 2000 pupils.
7. From the Tonkin & Taylor report there is a window of approx. 1 hour to evacuate from the time the wave is created before the wave arrives.
8. Papamoa is trapped by the Tauranga Eastern Link motorway.
9. Emergency sirens were cancelled by the commissioners.

There are currently no tsunami evacuation paths in Papamoa which will facilitate this movement of residents to safety.

PRRA and the Eastern Corridor Alliance have been talking for some time to the Tauranga City Council, NZTA and the Commissioners about ...

1. The inundation of all of Papamoa from a tsunami wave
2. The requirement to build evacuation pathways towards Papamoa Hills and alongside the TEL
3. TCC needs to look after the safety of their residents
4. the dereliction of public duty by not providing a robust evacuation network of paths to get residents to Papamoa Hills.
5. A stage 1 network of evacuation paths. (schematic attached)
6. 30,000 people do not fit on a two motorway overbridges and 2 small hills.
7. Safe crossings across the TEL motorway at the Papamoa East Interchange and continuing onto Papamoa Hills.
8. Paths will also function as cycle routes.

The response from Commissioner Tolley, who has told us this many times, is – if it's long -- be gone. Our reply is “to where” and “how”. At this point there is no answer.

Other responses are from senior council managers include... “ it is a developer solution, we are not responsible “.

NZTA just delays any considered response claiming lack of funds.

No one is concerned enough about resident safety to do anything to date.

In October 2023 the latest TCC supplied Tsunami maps (attached) were released and showed the results of the latest analysis. Papamoa is now under water from a design tsunami wave. This generally agrees with the wave effect as suggested previously by PRRA. (attached)

Building the evacuation paths is relatively easy and low cost. The cost of Stage 1 pathways is nominal, \$25 million will see the pathways built. The philosophy behind the proposed design for Stage 1 is simple.

Today, two of the major evacuation roads do not have footpaths – Domain Rd and Parton Rd extension. This is gross negligence, unsafe for residents and a major impediment to any large volume evacuation.

There is no need to buy any land, just implement a multi-agency task force between NZTA, TCC, PRRA and the Eastern Corridor Alliance. And then build the pathways within 12 months.

Papamoa Residents and Ratepayers Association and the Eastern Corridor Alliance want the Tsunami Evacuation Pathways Stage 1 included in the Long Term Plan 2024-2034. This is a continuation of the process started in July 2023 whereby you invited us to make a LTP submission.

These pathways are for more important for Papamoa Residents than any Civic rejuvenation.

Philip Brown

Chair November 2023

Papamoa Residents and Ratepayers Association

Attachments:

Tauranga City Council Tsunami Zone October 2023

## TSUNAMI EVACUATION ZONE: Pāpāmoa West

**Scale: 1:20,000**

Tsunami Evacuation Zone  
 Tsunami Safe Area is anywhere beyond the Tsunami Evacuation zone  
 Tsunami Safe Locations are possible evacuation points  
 Evacuation Route  
 Waterway

**Scale: 1:20,000**

[facebook.com/bopcivildefence](https://www.facebook.com/bopcivildefence)  
[twitter.com/bopcivildefence](https://twitter.com/bopcivildefence)  
 Listen to the radio

VIEW ONLINE MAP HERE

**IMPORTANT**  
Parts of this area are at risk of tsunami

A **LONG** or **STRONG** earthquake could be your only warning.

**Long or Strong GET GONE**

**LONG or STRONG: GET GONE**

**DO NOT ignore these natural warning signs:**

- Strong earthquake where it is hard to stand up.
- Weak, rolling earthquake shaking for longer than a minute.
- Unusual sea behaviour, like sudden sea level changes.
- The sea making loud and unusual sounds, especially roaring noises.

**WHAT TO DO?**

- 1 Leave immediately, don't wait for an official warning.
- 2 Walk or bike quickly if possible. Only drive if you have to.
- 3 Move quickly to higher ground, or as far from the coastline as possible.

**STAY OUT OF THE TSUNAMI EVACUATION ZONE AND LOW-LYING AREAS UNTIL YOU GET THE ALL CLEAR FROM OFFICIAL CHANNELS**

For more information visit:  
[www.bopcivildefence.govt.nz](http://www.bopcivildefence.govt.nz)  
Follow Bay of Plenty Civil Defence on social media for updates.

## TSUNAMI EVACUATION ZONE: Pāpāmoa East (Wairakei)

**Scale: 1:20,000**

Tsunami Evacuation Zone  
 Tsunami Safe Area is anywhere beyond the Tsunami Evacuation zone  
 Tsunami Safe Locations are possible evacuation points  
 Evacuation Route  
 Waterway

**Scale: 1:20,000**

[facebook.com/bopcivildefence](https://www.facebook.com/bopcivildefence)  
[twitter.com/bopcivildefence](https://twitter.com/bopcivildefence)  
 Listen to the radio

VIEW ONLINE MAP HERE

**IMPORTANT**  
Parts of this area are at risk of tsunami

A **LONG** or **STRONG** earthquake could be your only warning.

**Long or Strong GET GONE**

**LONG or STRONG: GET GONE**

**DO NOT ignore these natural warning signs:**

- Strong earthquake where it is hard to stand up.
- Weak, rolling earthquake shaking for longer than a minute.
- Unusual sea behaviour, like sudden sea level changes.
- The sea making loud and unusual sounds, especially roaring noises.

**WHAT TO DO?**

- 1 Leave immediately, don't wait for an official warning.
- 2 Walk or bike quickly if possible. Only drive if you have to.
- 3 Move quickly to higher ground, or as far from the coastline as possible.

**STAY OUT OF THE TSUNAMI EVACUATION ZONE AND LOW-LYING AREAS UNTIL YOU GET THE ALL CLEAR FROM OFFICIAL CHANNELS**

For more information visit:  
[www.bopcivildefence.govt.nz](http://www.bopcivildefence.govt.nz)  
Follow Bay of Plenty Civil Defence on social media for updates.



# Tsunami Maps with Stage 1 Tsunami Evacuation Paths noted

## TSUNAMI EVACUATION ZONE: Pāpāmoa West

**Scale: 1:20,000**

Tsunami Evacuation Zone  
 Tsunami Safe Area is anywhere beyond the Tsunami Evacuation zone  
 Tsunami Safe Locations are possible evacuation points  
 Evacuation Route  
 Waterway

**Scale: 1:20,000**

Evacuation Route  
 Waterway

### IMPORTANT

Parts of this area are at risk of tsunami

A **LONG** or **STRONG** earthquake could be your only warning.

**LONG or STRONG: GET GONE**

**DO NOT ignore these natural warning signs:**

- Strong earthquake where it is hard to stand up.
- Weak, rolling earthquake shaking for longer than a minute.
- Unusual sea behaviour, like sudden sea level changes.
- The sea making loud and unusual sounds, especially roaring noises.

**WHAT TO DO?**

- 1 Leave immediately, don't wait for an official warning.
- 2 Walk or bike quickly if possible. Only drive if you have to.
- 3 Move quickly to higher ground, or as far from the coastline as possible.

**STAY OUT OF THE TSUNAMI EVACUATION ZONE AND LOW-LYING AREAS UNTIL YOU GET THE ALL CLEAR FROM OFFICIAL CHANNELS**

For more information visit:  
[www.bopcivildefence.govt.nz](http://www.bopcivildefence.govt.nz)  
 Follow Bay of Plenty Civil Defence on social media for updates.

[facebook.com/bopcivildefence](https://facebook.com/bopcivildefence)

[twitter.com/bopcivildefence](https://twitter.com/bopcivildefence)

Listen to the radio

VIEW ONLINE MAP HERE

## TSUNAMI EVACUATION ZONE: Pāpāmoa East (Wairakei)

**Scale: 1:20,000**

Tsunami Evacuation Zone  
 Tsunami Safe Area is anywhere beyond the Tsunami Evacuation zone  
 Tsunami Safe Locations are possible evacuation points  
 Evacuation Route  
 Waterway

**Scale: 1:20,000**

Evacuation Route  
 Waterway

### IMPORTANT

Parts of this area are at risk of tsunami

A **LONG** or **STRONG** earthquake could be your only warning.

**LONG or STRONG: GET GONE**

**DO NOT ignore these natural warning signs:**

- Strong earthquake where it is hard to stand up.
- Weak, rolling earthquake shaking for longer than a minute.
- Unusual sea behaviour, like sudden sea level changes.
- The sea making loud and unusual sounds, especially roaring noises.

**WHAT TO DO?**

- 1 Leave immediately, don't wait for an official warning.
- 2 Walk or bike quickly if possible. Only drive if you have to.
- 3 Move quickly to higher ground, or as far from the coastline as possible.

**STAY OUT OF THE TSUNAMI EVACUATION ZONE AND LOW-LYING AREAS UNTIL YOU GET THE ALL CLEAR FROM OFFICIAL CHANNELS**

For more information visit:  
[www.bopcivildefence.govt.nz](http://www.bopcivildefence.govt.nz)  
 Follow Bay of Plenty Civil Defence on social media for updates.

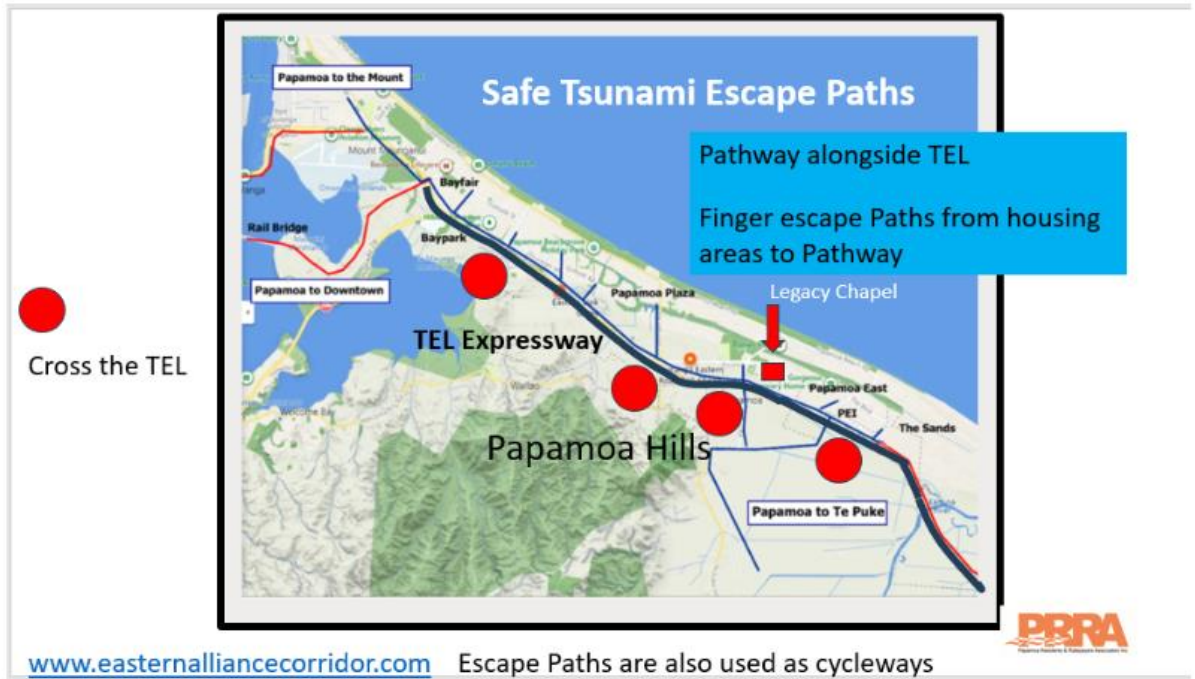
[facebook.com/bopcivildefence](https://facebook.com/bopcivildefence)

[twitter.com/bopcivildefence](https://twitter.com/bopcivildefence)

Listen to the radio

VIEW ONLINE MAP HERE

# Layout of Evacuation Paths Stage 1



# Schematic of Water Levels across Papamoa from TCC supplied data. (developed by Eastern Corridor Alliance)

June 2023 (prior to the latest release)

TEL = Tauranga Eastern Link motorway

