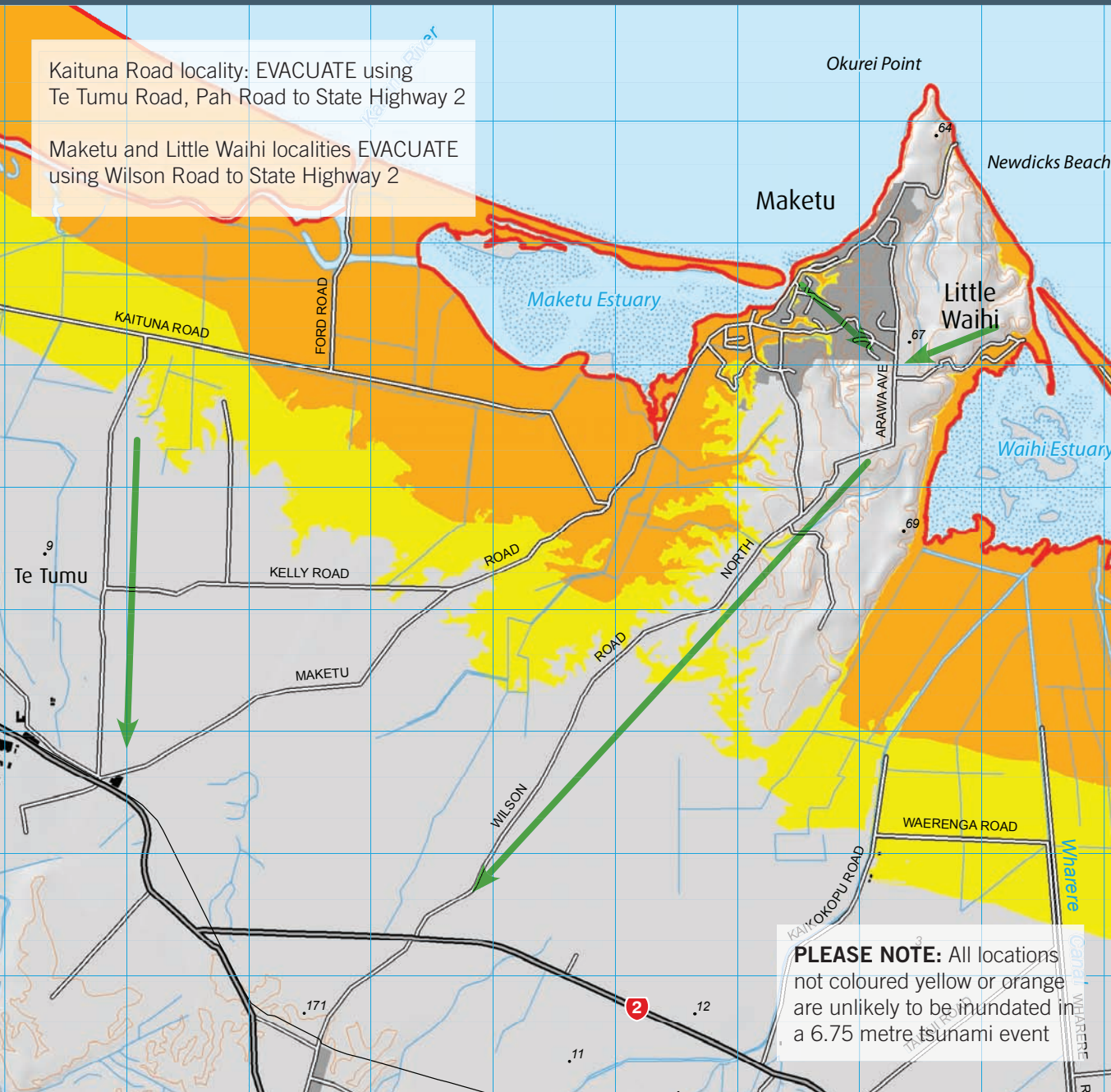


Quick Evacuation Maps Western Bay of Plenty District **Maketu**

Kaituna Road locality: EVACUATE using Te Tumu Road, Pah Road to State Highway 2

Maketu and Little Waihi localities EVACUATE using Wilson Road to State Highway 2



PLEASE NOTE: All locations not coloured yellow or orange are unlikely to be inundated in a 6.75 metre tsunami event

REMEMBER TO:

- Know your evacuation location - identify your address from this map
- Learn the quickest route to evacuate to safety
- Have your getaway kit available at all times
- On receiving a warning please listen to your radio for information and advice before taking action
- Remain calm and be considerate of others
- Keep listening to your radio for updated information and ongoing advise

EVACUATION ZONES

- from regional average Mean High Water Spring* (0.8958 m) line to 10 metres distance inland - *Note: this has been exaggerated for cartographic purposes*
- inland boundary of RED to expected maximum extent** of a 4 metre tsunami wave with expected run-up to 8 metres from Waihi Beach to Otamarakau
- from ORANGE boundary to expected maximum extent** of a 6.75 metre tsunami wave with expected run-up to 13.5 from Waihi Beach to Otamarakau

* as defined in page 18, MHWS level for the Bay of Plenty
 - NIWA Client Report HAM2006-133 October 2006, NIWA Project BOP07212

** The recommended Level 2 attenuation rule of 1 metre decrease in wave height every 200 metre inland was applied for calculating how far the tsunami wave travels inland. The attenuation rule for the river, 1m decrease for every 400m distance upriver, was applied to determine the maximum distance travelled by the modelled tsunami waves (run-up of 8 and 13.5m travelling a maximum of 3200m and 5400m, respectively upriver for BOP WEST and; run-up of 10 and 16.5m travelling a maximum of 4000m and 6600m, respectively upriver for BOP EAST). - *Tsunami Evacuation Zones Director's Guideline for Civil Defence Emergency Management Groups [DGL 08/08] December 2008 ISBN 978-0-478-25483-9*

HORIZONTAL DATUM: New Zealand Geodetic Datum 2000 (NZGD2000) For practical purposes NZGD2000 equates to WGS84

VERTICAL DATUM: Mean Sea Level

PROJECTION: New Zealand Transverse Mercator 2000 (NZTM2000)

PARAMETERS:

Spheroid: GRS80; Scale Factor 0.9996
 Origin Latitude: 0° South; Origin Longitude: 173° East
 False Northing: 10 000 000mN; False Easting: 1 600 000mE

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