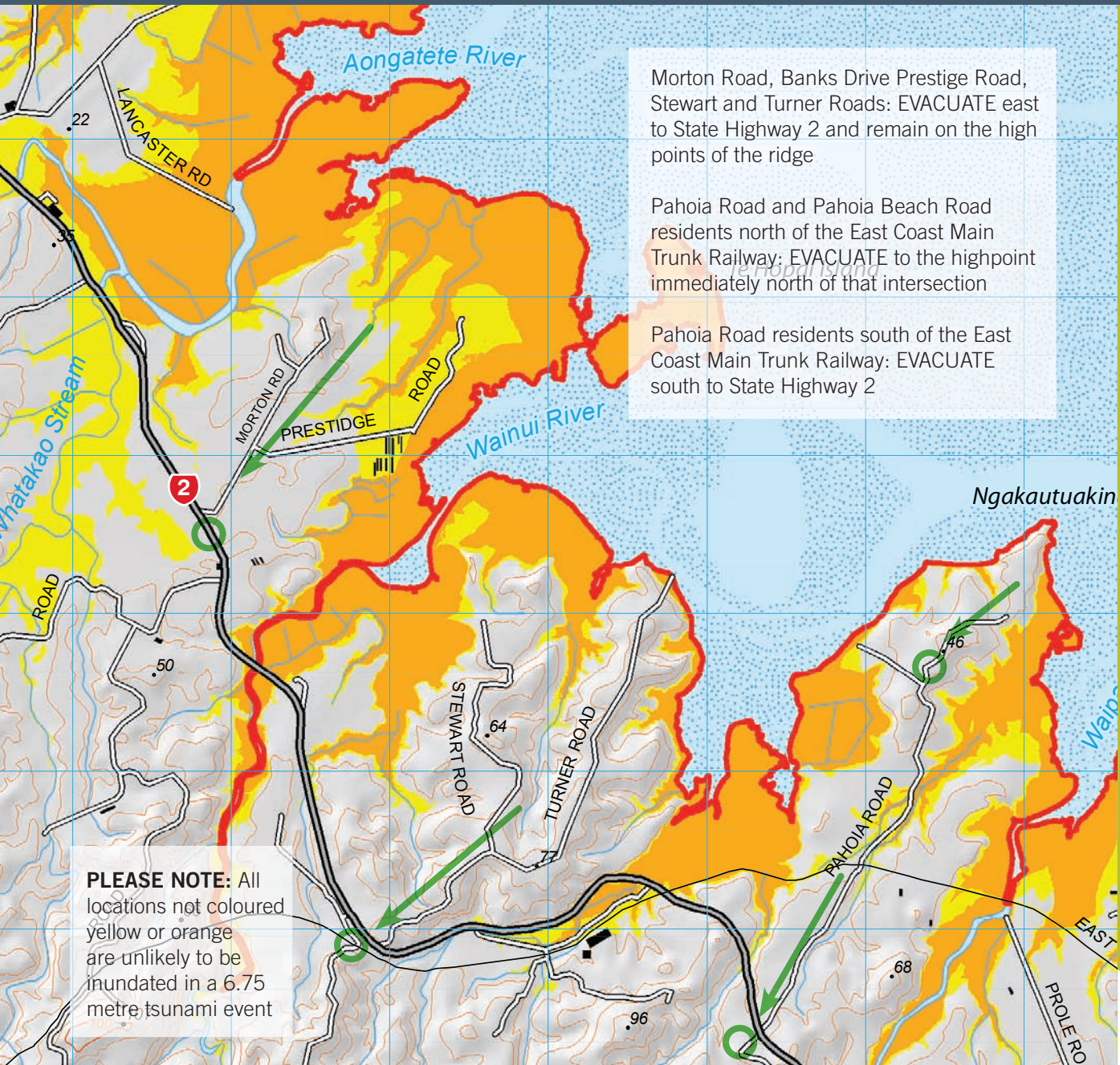


Quick Evacuation Maps Western Bay of Plenty District **Pahoia**



Morton Road, Banks Drive Prestige Road, Stewart and Turner Roads: EVACUATE east to State Highway 2 and remain on the high points of the ridge

Pahoia Road and Pahoia Beach Road residents north of the East Coast Main Trunk Railway: EVACUATE to the highpoint immediately north of that intersection

Pahoia Road residents south of the East Coast Main Trunk Railway: EVACUATE south 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 metres 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

COPYRIGHTS:
 © Bay of Plenty Regional Council, 2010. © Statistics NZ
 © Sourced from Land Information New Zealand data CROWN COPYRIGHT RESERVED

PRODUCED BY:
 GeoSpatial Analysis by Michael Cusi, Cartography by Richard (Trig) Yates. Bay of Plenty Regional Council, 5 Quay Street, PO Box 364, Whakatane, New Zealand

For more information contact Western Bay of Plenty District Council: Telephone 07 571 8008

